

# 1987

## Census of Agriculture

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Volume 1  
GEOGRAPHIC AREA SERIES

Part 3

# Arizona

State and County Data

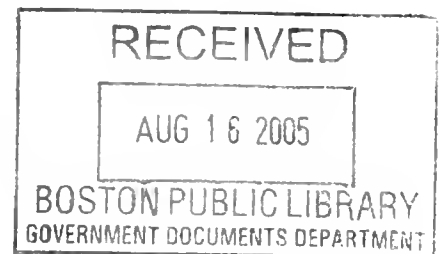
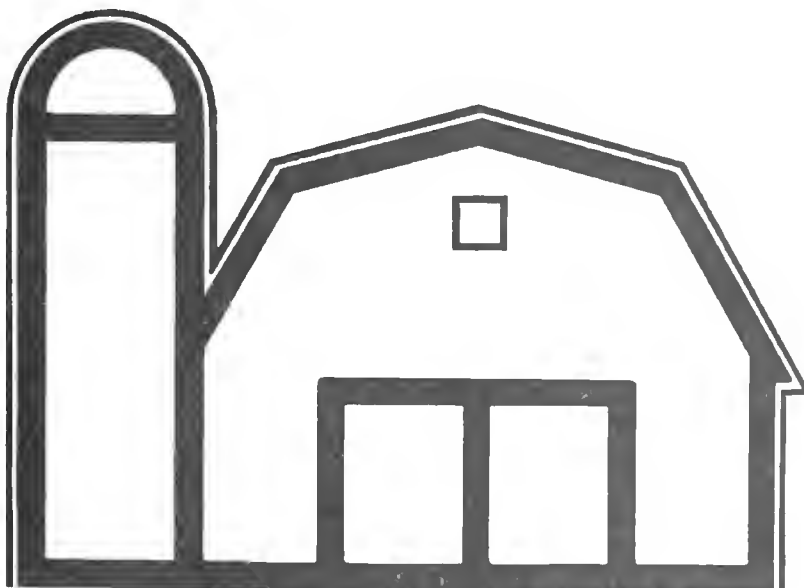
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# ACKNOWLEDGMENTS

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This report was prepared in the Agriculture Division. Many other divisions contributed to this preparation: Data Preparation performed the clerical processing; Administrative Services provided the forms design and other administrative services; Publications Services contributed in publication planning and design, editorial review, composition, and printing procurement; Computer Services provided the computer processing facilities; Field provided selected data collection activities; Economic Programming prepared the computer programs; and Economic Surveys assisted in preparation of data collection and processing procedures and computer programs.

Members of the Census Advisory Committee on Agriculture Statistics and representatives of both public and private

organizations made significant recommendations which helped establish data content.

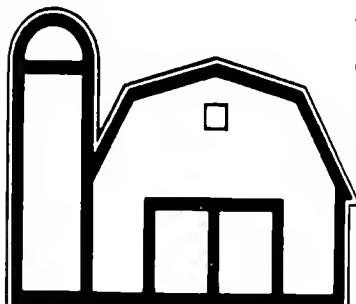
Members of various agencies of the U.S. Department of Agriculture provided valuable advice in the planning, publicizing, and processing phases of the census, and in helping farmers and ranchers complete the report forms.

The press, farm magazines, radio and television stations, and farm organizations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators.

Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

If you have any questions concerning the statistics in this report, call:

(301) 763-8555 Division Chief  
(301) 763-8567 Crops Branch  
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(301) 763-8566 Farm Economics Branch  
(301) 763-1113 General Information  
(301) 763-8558 Statistical Methodology



VOLUME 1  
GEOGRAPHIC AREA SERIES

**1987**  
**Census of**  
**Agriculture**

AC87-A-3  
Changed November 1989

**CHANGE SHEET**  
**Arizona**

Following are changes to the 1987 Census of Agriculture volume 1 publications:

Table 17. **Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Female operators	Operators of Spanish origin <sup>1</sup>	Farms operated by Black and other races			
			Black	American Indian	Asian	Other (see text)
<b>1987 OPERATOR CHARACTERISTICS</b>						
Operators by days of work off farm						
Any . . . .	505	227	6	261	14	70
100 to 199 days	92	38	1	68	4	6

<sup>1</sup>See chapter 1, table 16, for operators not of or not reporting Spanish origin

Following are changes to appendix C:

Table G. **State Coverage Evaluation Estimates of Farms Not on the Mail List: 1987**

[During additional processing for coverage evaluation estimates, minor errors in estimates and relative standard errors were discovered for selected data items in some States. Corrected estimates will be published in Volume 2, *Subject Series, Part 2, Coverage Evaluation*]

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# 1987

## Census of Agriculture

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AC87-A-3

Volume 1  
GEOGRAPHIC AREA SERIES

Part 3  
**Arizona**  
State and County Data

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Issued June 1989



**U.S. Department of Commerce**  
Robert A. Mosbacher, Secretary  
Michael R. Darby, Under Secretary  
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\*Not published for this State.



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## HISTORY

The 1987 Census of Agriculture is the 23d taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

## USES OF THE CENSUS

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

## AUTHORITY AND AREA COVERED

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191, which directs that a census be taken in 1979, 1983, and in every

fifth year after 1983 covering the prior year. The 1987 census includes each State, Puerto Rico, Guam, and the Virgin Island of the United States. A census of agriculture will be conducted in American Samoa and the Commonwealth of the Northern Mariana Islands in conjunction with the 1990 Census of Population and Housing.

## FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has been changed nine times. The current definition, first used for the 1974 census, is any place from which \$1,000 or more of agricultural products were produced and sold or normally would have been sold during the census year. The farm definition used for the outlying areas varies according to area. The report for each area includes a discussion of the farm definition.

## COMPARABILITY OF DATA

Data on acreages and inventories for 1987 and 1982 are generally comparable. Dollar figures shown for expenses and agricultural product sales are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition.

The 1978 U.S., region, and State data shown in the 1978 Census of Agriculture publications included data for farms on the mail list plus estimates from an area sample for farms not on the mail list. For comparability, the 1978 data in the 1987 publications include only farms on the mail list.

## TABULAR PRESENTATION

**State data**—Tables 1 through 47 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 48 through 53 provide 1987 State data cross-tabulated by various farm classifications.

**County data**—Chapter 2 presents selected data items by county. Tables 1 through 16 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 17 through 36 include only

counties reporting the data item. Counties not having the item, or with a limited number of farms reporting the item, have data combined and presented as "all other counties."

ADVANCE REPORTS

Advance reports of 1987 census data have been published separately for each county with 10 farms or more, each State, and the United States. This series provided, at the earliest possible date, final data on major data items together with comparable final data from the 1982 census. Data items are standard across States except information on selected crops harvested, which vary by State according to their relative importance in the State.

ELECTRONIC DATA DISSEMINATION

The volume 1 data are available on computer tapes and compact disc. The advance report data are available on computer tapes, computer diskettes, and through electronic data services such as the AGRIDATA network, the CENDATA package on Dialog, CompuServe on-line services, and the Census Bureau's State Data Center Bulletin Board. Computer tapes, diskettes, and compact discs are sold by the Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233 (telephone (301) 763-4100).

SPECIAL TABULATIONS

Custom designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

CENSUS DISCLOSURE RULES

In keeping with the provisions of Title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of

farms in a given size category or other classification, such as size of farm, is not considered a release of confidential information and is provided even though other information is withheld.

INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (IC) Independent city.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate (associated relative standard error) or a consistency review.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- cwt Hundredweight.
- sq ft Square feet.



# Highlights of the State's Agriculture: 1987 and 1982

[Dollar figures are in current dollars with no adjustment for price changes For meaning of abbreviations and symbols, see introductory text]

Item	All farms		
	1987	1982	Percent change from 1982 to 1987
Farms.....number.....	7 669	7 334	4 6
Land in farms.....acres.....	36 287 794	37 752 534	-3 9
Average size of farm.....acres.....	4 732	5 148	-8 1
Value of land and buildings <sup>1</sup> :			
Average per farm.....dollars.....	1 317 765	1 496 334	-11 9
Average per acre.....dollars.....	279	289	-3 5
Farms by size:			
1 to 9 acres.....	2 158	1 966	9 8
10 to 49 acres.....	1 510	1 609	-6 2
50 to 179 acres.....	1 133	1 051	7 8
180 to 499 acres.....	910	839	8 5
500 to 999 acres.....	678	600	13 0
1,000 to 1,999 acres.....	436	446	-2 2
2,000 acres or more.....	844	823	2 6
Harvested cropland.....farms.....	3 646	3 838	-5 0
Irrigated land.....acres.....	865 817	1 047 213	-17 3
.....farms.....	4 241	4 437	-4 4
.....acres.....	913 841	1 097 825	-16 8
Market value of agricultural products sold.....\$1,000.....	1 628 544	1 526 915	6 7
Average per farm.....dollars.....	212 354	208 197	2 0
Crops, including nursery and greenhouse crops.....\$1,000.....	896 681	806 847	11 1
Grains.....\$1,000.....	35 282	60 549	-41 7
Cotton and cottonseed.....\$1,000.....	361 558	358 033	1 0
Tobacco.....\$1,000.....	-	-	-
Hay, silage, and field seeds.....\$1,000.....	74 244	61 537	20 7
Vegetables, sweet corn, and melons.....\$1,000.....	240 925	202 292	19 1
Fruits, nuts, and berries.....\$1,000.....	111 422	84 800	31 4
Nursery and greenhouse crops.....\$1,000.....	61 053	22 493	171 4
Other crops.....\$1,000.....	12 197	17 144	-28 9
Livestock, poultry, and their products.....\$1,000.....	731 863	720 069	1 6
Poultry and poultry products.....\$1,000.....	4 553	5 235	-13 0
Dairy products.....\$1,000.....	168 400	151 702	11 0
Cattle and calves.....\$1,000.....	506 565	502 402	8
Hogs and pigs.....\$1,000.....	26 953	29 478	-8 6
Sheep, lambs, and wool.....\$1,000.....	9 245	11 942	-22 6
Other livestock and livestock products (see text).....\$1,000.....	16 148	19 309	-16 4
Farms by type of organization:			
Individual or family (sole proprietorship).....	5 356	5 438	-1 5
Partnership.....	1 369	1 019	34 3
Corporation.....	724	674	7 4
Other—cooperative, estate or trust, institutional, etc.....	220	203	8 4
Operators by principal occupation:			
Farming.....	3 782	3 501	8 0
Other.....	3 887	3 833	1 4
Operators by days worked off farm:			
Any.....	4 423	4 244	4 2
200 days or more.....	2 997	2 947	1 7
Average age of operator.....years.....	51 5	50 5	2 0
Total farm production expenses <sup>1</sup> .....\$1,000.....	1 301 666	(NA)	(NA)
Selected farm production expenses <sup>1</sup> :			
Livestock and poultry purchased.....\$1,000.....	244 484	250 356	-2 3
Feed for livestock and poultry.....\$1,000.....	208 527	237 766	-12 3
Commercial fertilizer <sup>2</sup> .....\$1,000.....	51 672	60 308	-14 3
Agricultural chemicals <sup>2</sup> .....\$1,000.....	60 366	60 000	6
Petroleum products.....\$1,000.....	44 554	62 705	-28 9
Hired farm labor.....\$1,000.....	207 689	156 401	32 8
Interest expense <sup>3</sup> .....\$1,000.....	74 553	100 153	-25 6
Livestock and poultry inventory:			
Cattle and calves.....farms.....	3 521	3 792	-7 1
.....number.....	1 110 912	1 139 377	-2 5
Milk cows.....farms.....	476	730	-34 8
.....number.....	86 280	81 811	5 5
Hogs and pigs.....farms.....	331	543	-39 0
.....number.....	135 414	160 816	-15 8
Chickens 3 months old or older.....farms.....	741	1 135	-34 7
.....number.....	331 462	505 543	-34 4
Selected crops harvested:			
Corn for grain or seed.....farms.....	166	149	11 4
.....acres.....	12 794	13 414	-4 6
Wheat for grain.....farms.....	443	539	-17 8
.....acres.....	97 407	133 681	-27 1
Barley for grain.....farms.....	168	290	-42 1
.....acres.....	14 654	35 502	-58 7
Cotton.....farms.....	1 199	1 177	1 9
.....acres.....	381 733	518 488	-26 4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc (see text).....farms.....	1 402	1 642	-14 6
.....acres.....	181 319	161 540	12 2
Vegetables harvested for sale (see text).....farms.....	328	339	-3 2
.....acres.....	98 138	69 864	40 5
Land in orchards.....farms.....	1 141	1 199	-4 8
.....acres.....	74 921	74 568	5

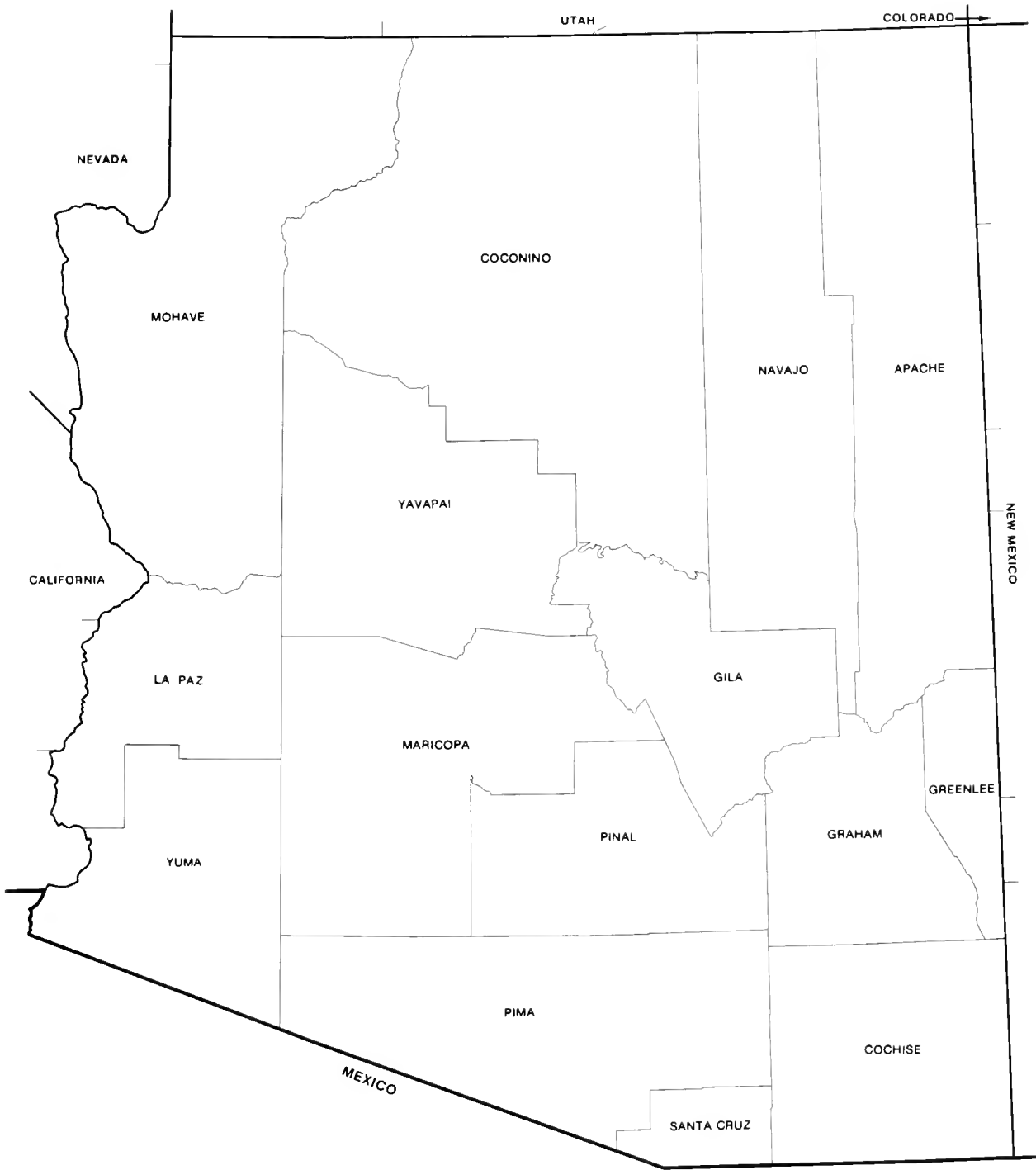
<sup>1</sup>Data are based on a sample of farms

<sup>2</sup>Data for 1987 include cost of custom applications.

<sup>3</sup>Data for 1982 do not include imputation for item nonresponse.

Figure 1. State Map

ARIZONA



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Figure 2. **Profile of State's Agriculture: 1987**

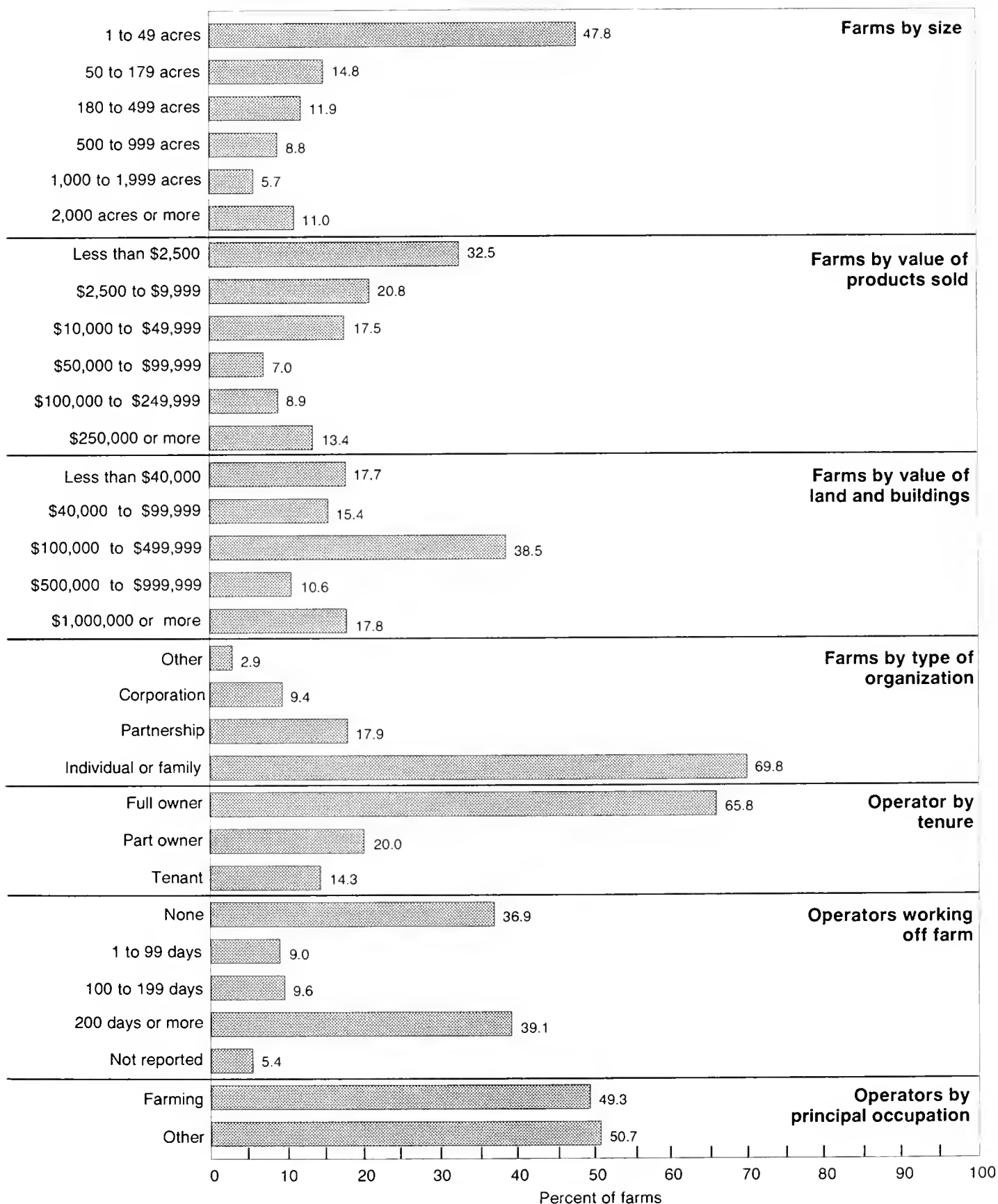


Figure 3. **Percent of Farms and of Value of Products Sold: 1987**

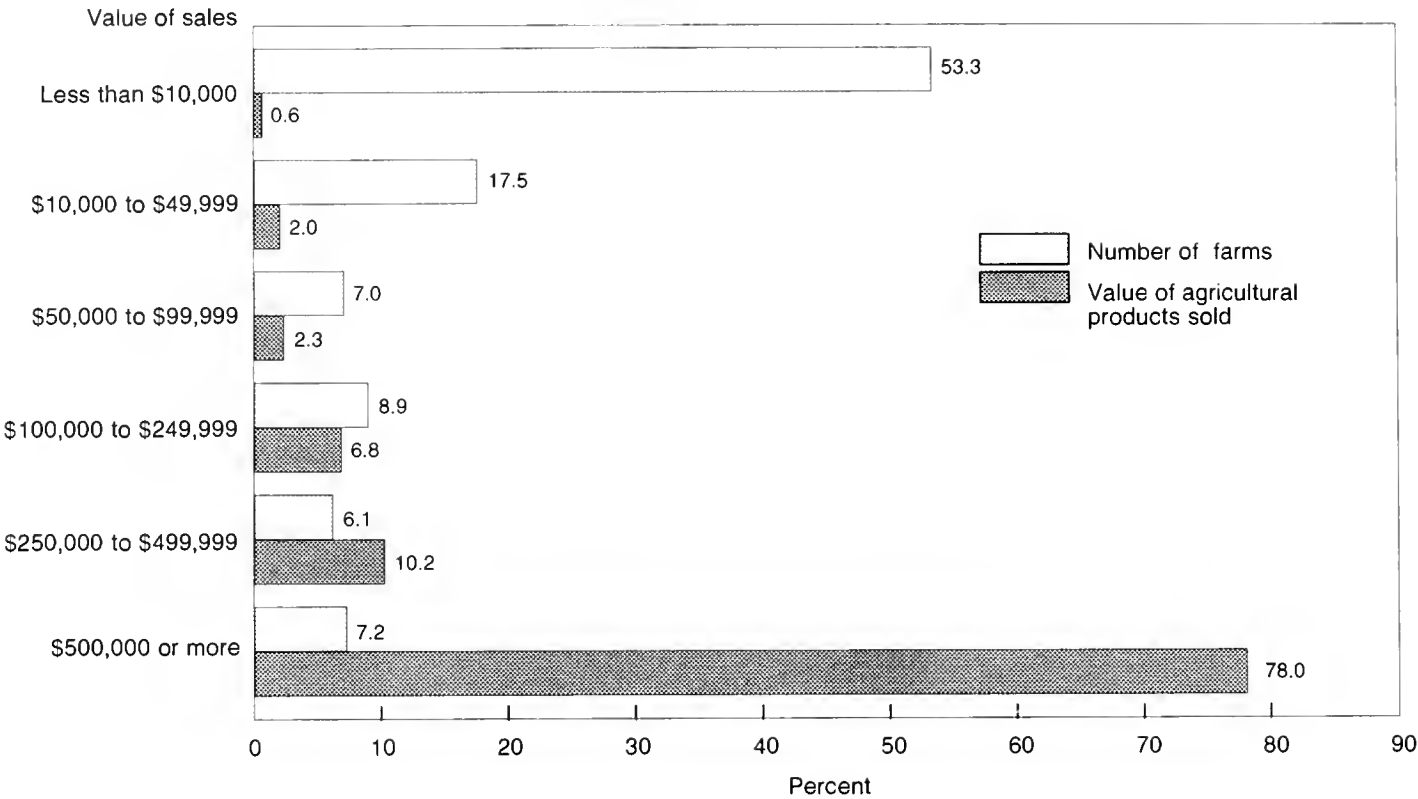


Figure 4. **Farms by Value of Agricultural Products Sold: 1959 to 1987**

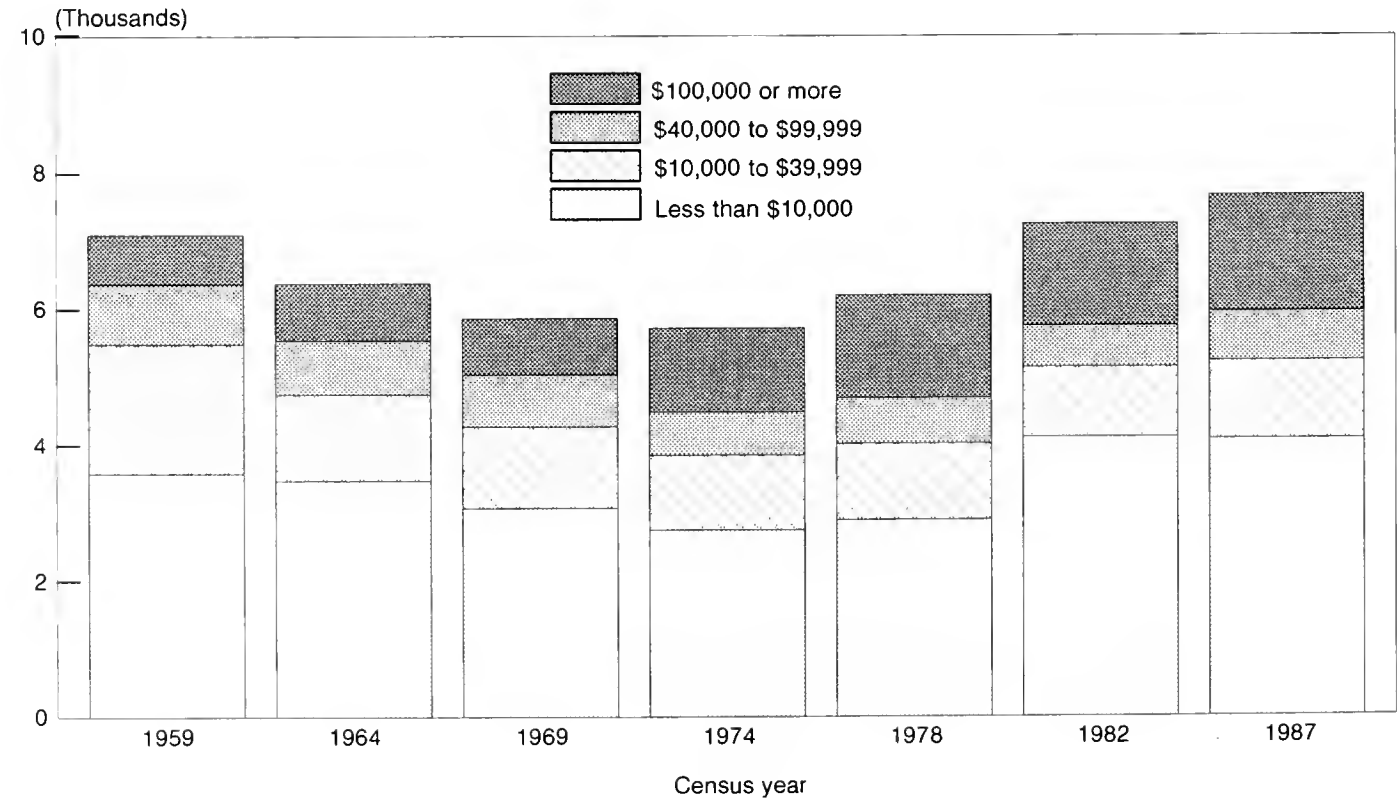


Figure 5. **Land Use: 1987**

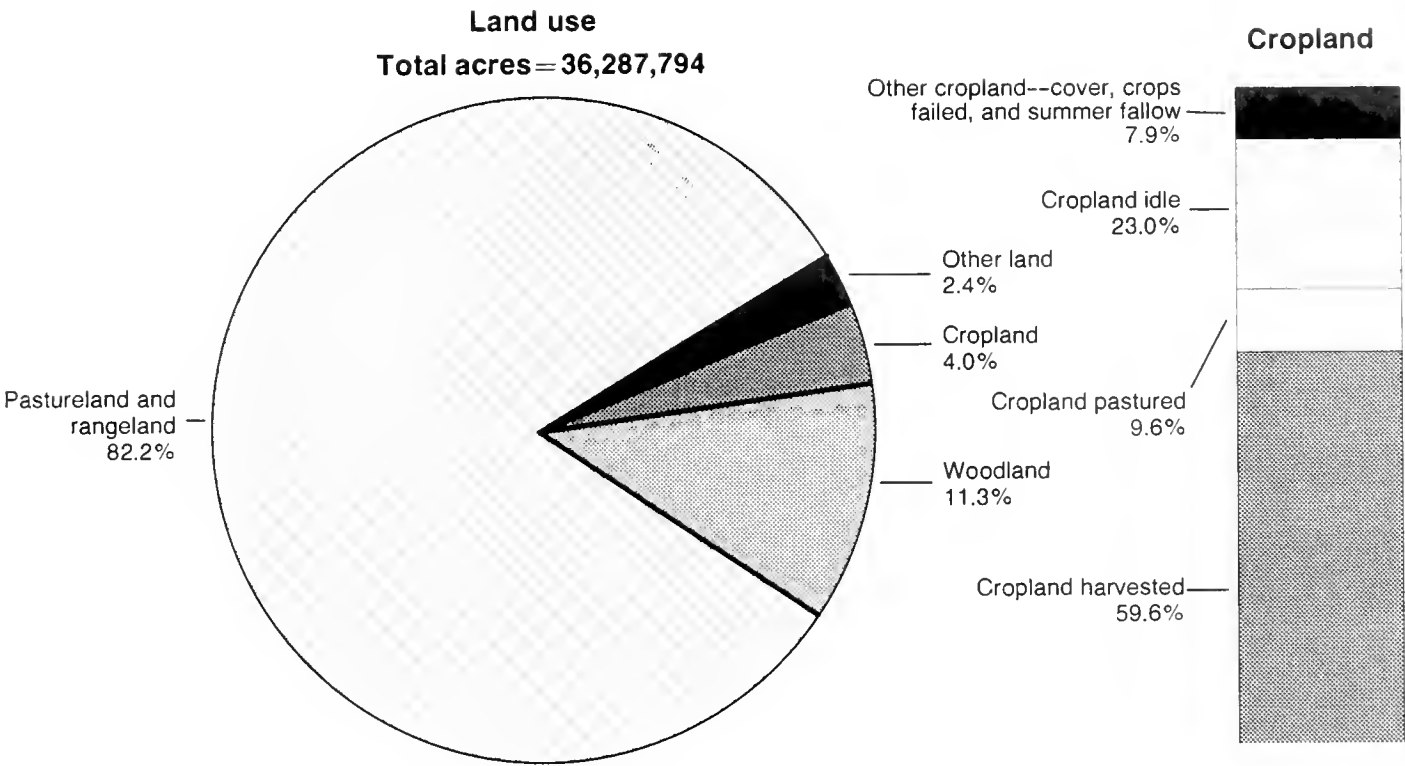


Figure 6. **Selected Crops Harvested: 1987**

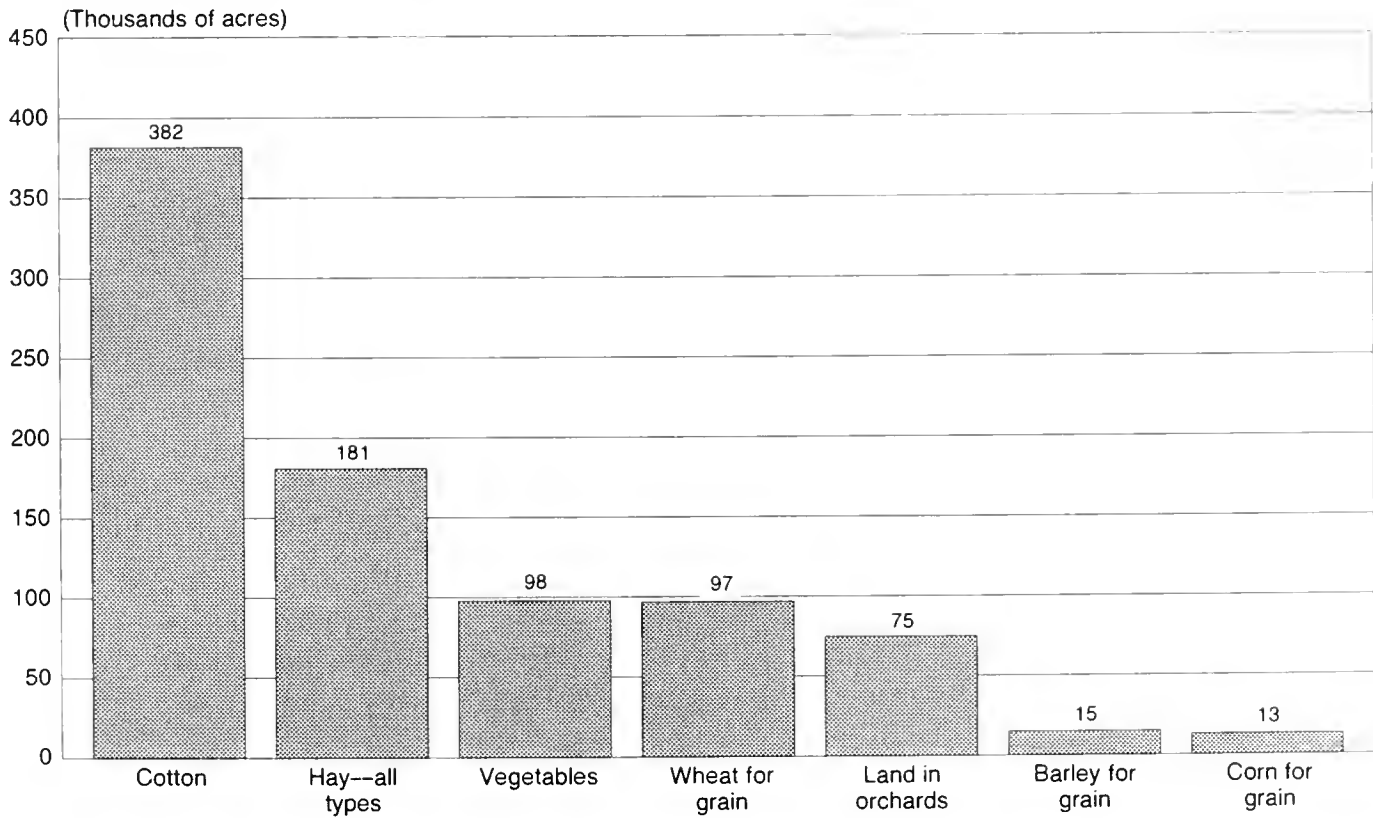


Figure 7. **Value of Livestock and Poultry Sold: 1987**

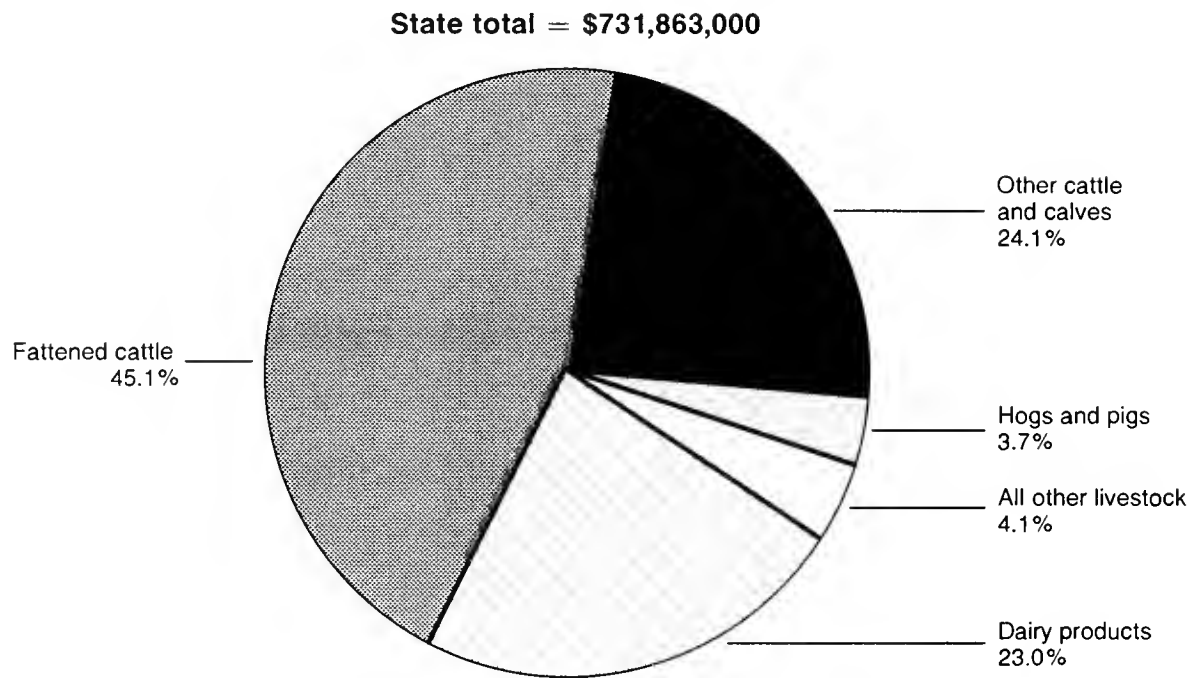
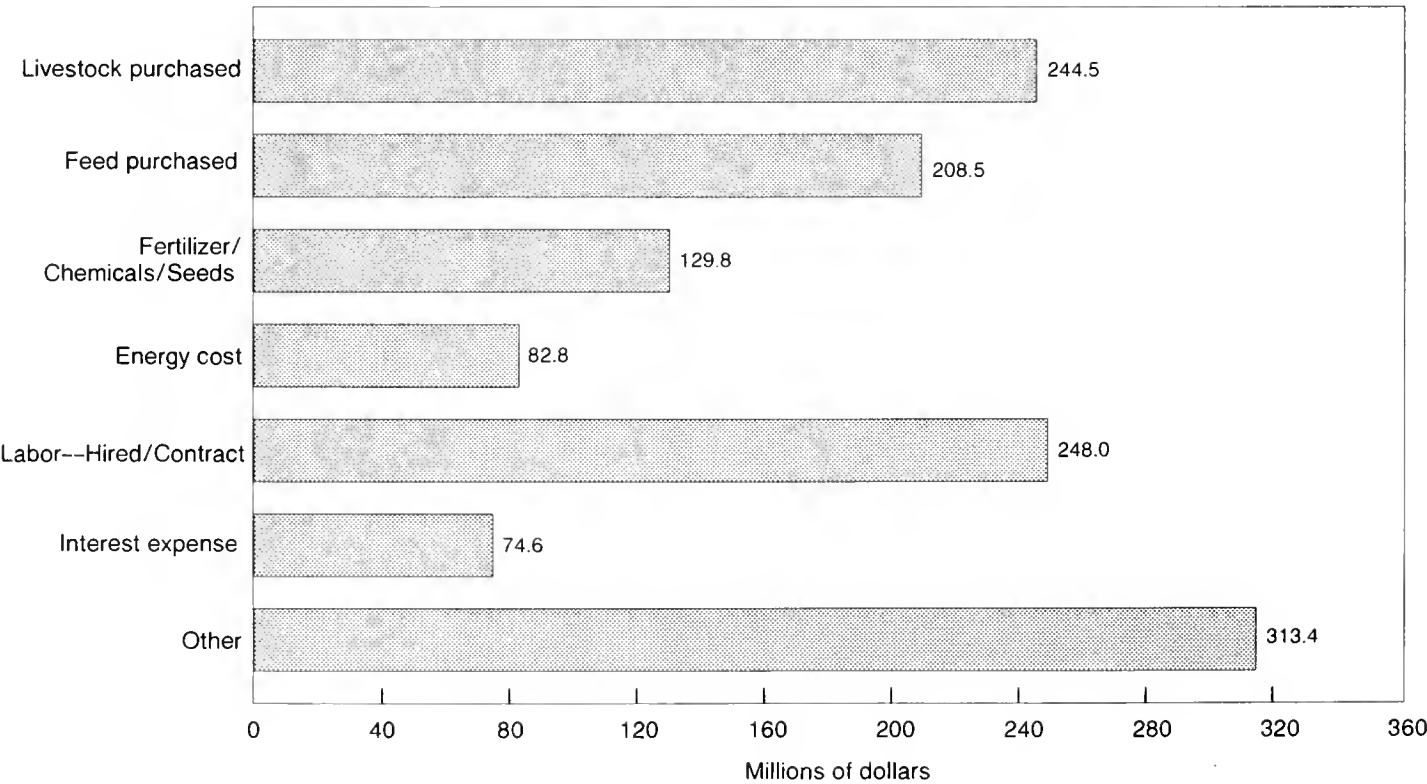


Figure 8. **Production Expenses: 1987**



# Table 1. Historical Highlights: 1987 and Earlier Census Years

[For meaning of abbreviations and symbols, see introductory text]

All farms	1987	1982	1978	1974	1969	1964	1959	1954
Farms.....number.....	7 669	7 334	6 298	5 803	5 890	6 477	7 233	9 321
Land in farms.....acres.....	36 287 794	37 752 534	38 505 905	37 944 191	38 202 667	40 559 493	40 203 386	41 789 946
Average size of farm.....acres.....	4 732	5 148	6 114	6 539	6 486	6 262	5 558	4 483
Value of land and buildings <sup>1</sup>								
Average per farm.....dollars.....	1 317 765	1 496 334	1 198 843	723 169	452 241	330 549	269 724	115 330
Average per acre.....dollars.....	279	289	197	111	70	53	49	26
Estimated market value of all machinery and equipment <sup>1</sup> .....\$1,000.....	425 285	407 289	345 222	210 949	96 325	(NA)	(NA)	(NA)
Average per farm.....dollars.....	55 702	56 069	55 236	39 511	18 028	(NA)	(NA)	(NA)
Farms by size.....								
1 to 9 acres.....	2 158	1 966	1 220	960	926	974	1 020	1 830
10 to 49 acres.....	1 510	1 609	1 311	1 253	1 229	1 312	1 505	2 117
50 to 179 acres.....	1 133	1 051	999	998	1 008	1 152	1 496	1 997
180 to 499 acres.....	910	839	800	774	783	1 003	1 131	1 242
500 to 999 acres.....	678	600	614	512	604	642	672	675
1,000 to 1,999 acres.....	436	446	428	429	443	418		
2,000 acres or more.....	844	823	926	877	897	976	1 409	1 460
Total cropland.....farms.....	4 840	4 948	4 472	4 244	4 189	4 890	5 626	7 472
Harvested cropland.....acres.....	1 453 852	1 480 103	1 543 713	1 505 072	1 631 401	1 589 668	1 586 267	1 614 859
Irrigated land.....farms.....	3 646	3 838	3 579	3 533	3 354	4 191	4 878	6 209
.....acres.....	865 817	1 047 213	1 106 631	1 096 525	1 079 327	1 025 494	1 018 757	1 093 544
.....farms.....	4 241	4 437	4 185	3 828	3 709	4 697	5 391	6 809
.....acres.....	913 841	1 097 825	1 195 727	1 153 478	1 177 618	1 125 376	1 152 450	1 177 407
Market value of agricultural products sold <sup>2</sup> .....\$1,000.....	1 628 544	1 526 915	1 311 458	1 080 530	611 211	468 664	388 380	328 197
Average per farm.....dollars.....	212 354	208 197	208 234	186 202	103 771	72 358	53 695	35 211
Crops, including nursery and greenhouse crops.....\$1,000.....	896 681	806 847	657 427	500 163	236 537	261 063	214 704	238 690
Livestock, poultry, and their products.....\$1,000.....	731 863	720 068	654 031	580 247	372 035	201 387	171 462	88 668
Farms by value of sales <sup>3</sup> .....								
Less than \$2,500.....	2 494	2 506	1 562	1 584	1 786	2 359	2 279	4 067
\$2,500 to \$4,999.....	820	858	716	589	583	537	652	858
\$5,000 to \$9,999.....	775	752	624	584	649	585	656	909
\$10,000 to \$24,999 <sup>4</sup> .....	757	723	764				3 513	1 273
\$25,000 to \$49,999 <sup>5</sup> .....	583	463	519	1 734	1 963	2 065	-	2 114
\$50,000 to \$99,999.....	533	451	509				-	-
\$100,000 to \$499,999.....	1 152	972	1 049	890	669		-	-
\$500,000 or more.....	555	529	463	341	158	841	-	-
Farms by type of organization.....								
Individual or family (sole proprietorship).....	5 356	5 438	4 604	(NA)	(NA)	(NA)	(NA)	(NA)
Partnership.....	1 369	1 019	907	(NA)	(NA)	(NA)	(NA)	(NA)
Corporation.....	724	674	630	(NA)	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.....	220	203	157	(NA)	(NA)	(NA)	(NA)	(NA)
Operators by days worked off farm <sup>6</sup> .....								
None.....	2 830	2 569	2 608	1 865	(NA)	(NA)	(NA)	4 891
Any.....	4 423	4 244	3 475	2 397	3 074	2 872	3 359	4 247
200 days or more.....	2 997	2 947	2 373	1 750	2 124	2 102	2 496	2 843
Operators by principal occupation <sup>6</sup> .....								
Farming.....	3 782	3 501	3 099	2 815	(NA)	(NA)	(NA)	(NA)
Other.....	3 887	3 833	3 199	2 434	(NA)	(NA)	(NA)	(NA)
Average age of operator <sup>6</sup> .....years.....	51.5	50.5	50.0	51.6	49.6	50.3	49.0	49.2
Total farm production expenses <sup>1</sup> .....\$1,000.....	1 301 666	(NA)	(NA)	942 108	579 254	(NA)	(NA)	(NA)
Selected farm production expenses <sup>1</sup> .....								
Livestock and poultry purchased.....\$1,000.....	244 484	250 356	258 744	224 944	180 066	77 737	72 773	(NA)
Feed for livestock and poultry.....\$1,000.....	208 527	237 766	216 079	262 959	96 964	66 937	45 860	21 138
Commercial fertilizer <sup>7</sup> .....\$1,000.....	51 672	60 308	44 972	40 150	18 115	18 349	(NA)	(NA)
Petroleum products.....\$1,000.....	44 554	62 705	40 300	22 523	13 738	16 650	13 413	10 684
Hired farm labor.....\$1,000.....	207 689	156 401	129 517	92 272	67 647	58 101	53 209	51 783
Interest expense <sup>8</sup> .....\$1,000.....	74 553	100 153	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Agricultural chemicals <sup>7</sup> .....\$1,000.....	60 366	60 000	46 256	23 351	16 656	(NA)	(NA)	(NA)
Livestock and poultry:								
Cattle and calves inventory.....farms.....	3 521	3 792	3 232	3 114	2 973	3 803	4 338	5 831
.....number.....	1 110 912	1 139 377	1 249 582	1 217 769	1 237 729	1 104 373	1 002 677	950 212
Beef cows.....farms.....	2 497	2 523	2 204	2 210	(NA)	2 331	(NA)	(NA)
.....number.....	334 851	313 040	312 849	351 647	309 070	325 077	300 132	350 184
Milk cows.....farms.....	476	730	726	792	722	1 393	2 124	3 720
.....number.....	86 280	81 811	69 505	58 035	42 629	46 019	44 387	40 821
Cattle and calves sold.....farms.....	3 302	3 346	3 097	2 996	2 937	3 296	3 718	4 022
.....number.....	1 009 492	1 020 088	1 195 719	1 461 832	1 375 605	1 023 692	849 335	558 210
Hogs and pigs inventory.....farms.....	331	543	524	512	413	521	1 019	1 307
.....number.....	135 414	160 816	155 734	101 922	68 122	24 427	28 737	21 193
Hogs and pigs sold.....farms.....	242	379	371	390	350	254	377	509
.....number.....	237 623	261 054	187 832	151 287	98 575	29 315	22 973	18 911
Chickens 3 months old or older inventory <sup>9</sup> .....farms.....	741	1 135	887	686	530	1 327	2 364	4 303
.....number.....	331 462	505 543	627 587	800 981	1 155 746	1 073 721	920 828	586 972
Broilers and other meat-type chickens sold.....farms.....	23	38	25	24	5	1	10	31
.....number.....	(D)	(D)	(D)	553 127	426 789	(D)	999 914	227 625

See footnotes at end of table

**Table 1. Historical Highlights: 1987 and Earlier Census Years—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All farms	1987	1982	1978	1974	1969	1964	1959	1954
Selected crops harvested								
Wheat for grain ----- farms...	443	539	451	881	484	397	624	321
acres...	97 407	133 681	104 135	175 737	59 165	27 863	72 933	11 253
bushels...	7 991 708	11 891 456	7 535 554	11 111 528	3 580 163	1 320 888	3 066 639	259 856
Barley for grain ----- farms...	168	290	293	(NA)	(NA)	964	1 023	2 042
acres...	14 654	35 502	32 514	(NA)	(NA)	130 779	132 919	252 383
bushels...	1 365 067	3 328 880	2 225 234	(NA)	(NA)	8 862 135	8 447 148	13 254 631
Cotton ----- farms...	1 199	1 177	1 278	1 143	1 330	1 941	2 538	2 745
acres...	381 733	518 488	567 564	401 301	298 976	365 937	362 932	438 177
bales...	1 005 493	1 155 883	1 146 665	936 790	607 530	761 233	696 863	842 694
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc (see text) ----- farms...	1 402	1 642	1 631	1 557	1 515	(NA)	(NA)	(NA)
acres...	181 319	161 540	174 544	194 280	184 966	221 182	190 152	217 471
tons, dry...	1 040 321	913 269	982 232	1 098 292	935 675	1 018 710	826 642	619 979
Vegetables harvested for sale (see text) <sup>10</sup> ----- farms...	328	339	324	303	341	333	418	494
acres...	98 138	69 864	70 296	54 005	87 968	87 519	78 156	69 190
Land in orchards ----- farms...	1 141	1 199	1 017	973	952	1 243	1 305	1 480
acres...	74 921	74 568	77 324	77 611	60 144	48 206	28 979	18 618

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Data for 1974 and prior years include the value of forest products sold.

<sup>3</sup>Data for 1982 and prior years exclude abnormal farms.

<sup>4</sup>Data for 1959 are for \$10,000 or more.

<sup>5</sup>Data for 1954 are for \$25,000 or more.

<sup>6</sup>Data for 1974 apply only to individual or family operations (sole proprietorship) and partnerships; see text.

<sup>7</sup>Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

<sup>8</sup>Data for 1982 do not include imputation for item nonresponse.

<sup>9</sup>Data for 1964 and prior years are for chickens 4 months old or older.

<sup>10</sup>Data for 1974 were from land area used.



**Table 2. Market Value of Agricultural Products Sold: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Item		1987	Percent of total in 1987	1982	1978
Total sales (see text)	farms..	7 669	100.0	7 334	6 298
	\$1,000..	1 628 544	100.0	1 526 915	1 311 458
Average per farm	dollars	212 354	(X)	208 197	208 234
Value of sales <sup>1</sup>					
Less than \$1,000 (see text)	farms..	1 458	19.0	1 418	607
	\$1,000..	325	(Z)	332	197
\$1,000 to \$2,499	farms..	1 036	13.5	1 088	955
	\$1,000..	1 689	1	1 765	1 540
\$2,500 to \$4,999	farms..	820	10.7	858	716
	\$1,000..	2 902	2	3 036	2 533
\$5,000 to \$9,999	farms..	775	10.1	752	624
	\$1,000..	5 427	3	5 212	4 319
\$10,000 to \$19,999	farms..	587	7.7	537	571
	\$1,000..	8 261	5	7 591	8 089
\$20,000 to \$24,999	farms..	170	2.2	186	193
	\$1,000..	3 759	2	4 144	4 242
\$25,000 to \$39,999	farms..	392	5.1	367	361
	\$1,000..	12 293	.8	9 660	11 536
\$40,000 to \$49,999	farms..	191	2.5	156	158
	\$1,000..	8 508	7.0	6 939	7 010
\$50,000 to \$99,999	farms..	533	7.0	451	509
	\$1,000..	37 946	2.3	31 926	36 556
\$100,000 to \$249,999	farms..	681	8.9	576	658
	\$1,000..	110 799	6.8	94 109	106 205
\$250,000 to \$499,999	farms..	471	6.1	396	391
	\$1,000..	165 649	10.2	139 865	139 373
\$500,000 to \$999,999 <sup>2</sup>	farms..	267	3.5	529	463
	\$1,000..	187 929	11.5	1 182 870	959 683
\$1,000,000 or more	farms..	288	3.8	-	-
	\$1,000..	1 083 057	66.5	-	-
Sales by commodity or commodity group					
Crops, including nursery and greenhouse crops	farms..	2 939	38.3	2 898	2 886
	\$1,000..	896 681	55.1	806 847	657 427
Grains	farms..	595	7.8	845	809
	\$1,000..	35 282	2.2	60 549	40 689
Corn for grain	farms..	108	1.4	79	(NA)
	\$1,000..	3 412	2	4 115	(NA)
Wheat	farms..	432	5.6	531	(NA)
	\$1,000..	27 541	1.7	43 548	(NA)
Soybeans	farms..	-	-	-	(NA)
	\$1,000..	-	-	-	(NA)
Sorghum for grain	farms..	36	5	103	(NA)
	\$1,000..	516	(Z)	1 914	(NA)
Barley	farms..	161	2.1	(NA)	(NA)
	\$1,000..	3 243	2	(NA)	(NA)
Oats	farms..	22	3	35	(NA)
	\$1,000..	224	(Z)	848	(NA)
Other grains <sup>3</sup>	farms..	14	2	295	(NA)
	\$1,000..	347	(Z)	10 124	(NA)
Cotton and cottonseed	farms..	1 197	15.6	1 175	1 278
	\$1,000..	361 558	22.2	358 033	339 380
Tobacco	farms..	-	-	-	-
	\$1,000..	-	-	-	-
Hay, silage, and field seeds	farms..	981	12.8	1 099	1 171
	\$1,000..	74 244	4.6	61 537	49 947
Vegetables, sweet corn, and melons	farms..	328	4.3	339	324
	\$1,000..	240 925	14.8	202 292	122 467
Fruits, nuts, and berries	farms..	798	10.4	694	639
	\$1,000..	111 422	6.8	84 800	69 009
Nursery and greenhouse crops	farms..	211	2.8	163	172
	\$1,000..	61 053	3.7	22 493	17 724
Other crops	farms..	79	1.0	142	102
	\$1,000..	12 197	.7	17 144	18 211
Livestock, poultry, and their products	farms..	4 494	58.6	4 490	3 963
	\$1,000..	731 863	44.9	720 068	654 031
Poultry and poultry products	farms..	257	3.4	430	278
	\$1,000..	4 553	.3	5 235	7 519
Dairy products	farms..	169	2.2	238	218
	\$1,000..	168 400	10.3	151 702	92 983
Cattle and calves	farms..	3 302	43.1	3 346	3 097
	\$1,000..	506 565	31.1	502 402	507 533
Hogs and pigs	farms..	242	3.2	379	371
	\$1,000..	26 953	1.7	29 478	18 399
Sheep, lambs, and wool	farms..	422	5.5	409	277
	\$1,000..	9 245	.6	11 942	14 775
Other livestock and livestock products (see text)	farms..	1 449	18.9	1 278	1 098
	\$1,000..	16 148	1.0	19 309	12 822

<sup>1</sup>Data for 1982 and 1978 exclude abnormal farms

<sup>2</sup>Data for 1982 and 1978 are for \$500,000 or more

<sup>3</sup>Data for 1982 include barley

# Table 3. Farm Production Expenses: 1987, 1982, and 1978

[Data are based on a sample of farms; see text For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
Total farm production expenses ----- farms.....	7 673	(X)	(NA)	(NA)
----- \$1,000.....	(X)	1 301 666	(NA)	(NA)
Average per farm ----- dollars.....	(X)	169 642	(NA)	(NA)
Farms with expenses of—				
\$1 to \$4,999 .....	2 413	6 417	(NA)	(NA)
\$5,000 to \$9,999 .....	1 370	9 873	(NA)	(NA)
\$10,000 to \$24,999 .....	1 183	19 473	(NA)	(NA)
\$25,000 to \$49,999 .....	619	22 287	(NA)	(NA)
\$50,000 to \$99,999 .....	570	41 220	(NA)	(NA)
\$100,000 to \$249,999 .....	790	125 005	(NA)	(NA)
\$250,000 to \$499,999 .....	287	99 720	(NA)	(NA)
\$500,000 or more .....	441	977 672	(NA)	(NA)
Livestock and poultry purchased ----- farms.....	2 343	(X)	2 783	2 292
----- \$1,000.....	(X)	244 484	250 356	258 744
----- percent of total.....	(X)	18 8	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	692	295	1 082	791
\$1,000 to \$4,999 .....	779	1 797	897	766
\$5,000 to \$9,999 .....	273	1 805	254	181
\$10,000 to \$24,999 <sup>1</sup> .....	230	3 399	298	554
\$25,000 to \$49,999 .....	121	4 111	252	-
\$50,000 to \$99,999 .....	106	7 067		-
\$100,000 to \$249,999 .....	78	11 180		-
\$250,000 or more .....	64	214 831		-
Feed for livestock and poultry ----- farms.....	4 084	(X)	4 464	3 770
----- \$1,000.....	(X)	208 527	237 766	216 079
----- percent of total.....	(X)	16.0	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	1 380	642	1 772	1 553
\$1,000 to \$4,999 .....	1 624	3 534	1 722	1 372
\$5,000 to \$9,999 .....	439	2 933	335	252
\$10,000 to \$24,999 <sup>1</sup> .....	294	4 369	397	593
\$25,000 to \$49,999 .....	98	3 394		-
\$50,000 to \$79,999 .....	37	2 305		-
\$80,000 to \$99,999 .....	17	1 540		-
\$100,000 or more .....	195	189 810	238	-
Commercially mixed formula feeds ----- farms.....	1 567	(X)	1 787	1 256
----- \$1,000.....	(X)	60 742	62 499	53 420
----- percent of total.....	(X)	4 7	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	806	270	897	548
\$1,000 to \$4,999 .....	425	818	480	363
\$5,000 to \$9,999 .....	89	559	107	66
\$10,000 to \$24,999 <sup>1</sup> .....	64	1 000	135	279
\$25,000 to \$49,999 .....	43	1 597		-
\$50,000 to \$79,999 .....	27	1 641		-
\$80,000 or more .....	113	54 856		-
Seeds, bulbs, plants, and trees ----- farms.....	2 374	(X)	2 459	2 564
----- \$1,000.....	(X)	17 741	13 716	11 972
----- percent of total.....	(X)	1 4	(NA)	(NA)
Farms with expenses of—				
\$1 to \$499 .....	691	129	902	956
\$500 to \$999 .....	332	231	271	216
\$1,000 to \$4,999 .....	768	1 943	690	800
\$5,000 to \$9,999 .....	276	1 848	298	324
\$10,000 to \$19,999 .....	152	1 970	161	159
\$20,000 to \$24,999 .....	42	893	137	109
\$25,000 or more .....	113	10 727		-
Commercial fertilizer <sup>2</sup> ----- farms.....	3 075	(X)	3 000	3 003
----- \$1,000.....	(X)	51 672	60 308	44 972
----- percent of total.....	(X)	4.0	(NA)	(NA)
Farms with expenses of—				
\$1 to \$499 .....	889	187	1 077	920
\$500 to \$999 .....	219	134	263	230
\$1,000 to \$4,999 .....	645	1 647	536	604
\$5,000 to \$9,999 .....	394	2 601	220	331
\$10,000 to \$24,999 <sup>1</sup> .....	512	7 903	428	918
\$25,000 to \$29,999 .....	48	1 313		-
\$30,000 to \$49,999 .....	148	5 585		-
\$50,000 to \$99,999 .....	132	8 849		-
\$100,000 or more .....	88	23 454	476	-
Agricultural chemicals <sup>2</sup> ----- farms.....	3 253	(X)	2 346	2 934
----- \$1,000.....	(X)	60 366	60 000	46 256
----- percent of total.....	(X)	4 6	(NA)	(NA)
Farms with expenses of—				
\$1 to \$499 .....	1 089	166	733	1 063
\$500 to \$999 .....	253	168	155	284
\$1,000 to \$4,999 .....	612	1 493	380	536
\$5,000 to \$9,999 .....	306	2 119	200	305
\$10,000 to \$24,999 .....	486	8 028	878	746
\$25,000 to \$49,999 .....	241	8 361		-
\$50,000 or more .....	266	40 032		-
Petroleum products ----- farms.....	6 896	(X)	7 182	6 211
----- \$1,000.....	(X)	44 554	62 705	40 300
----- percent of total.....	(X)	3 4	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	3 304	1 174	4 114	3 338
\$1,000 to \$4,999 .....	1 947	4 566	1 335	1 356
\$5,000 to \$9,999 .....	673	4 879	456	557
\$10,000 to \$24,999 <sup>1</sup> .....	622	9 663	928	960
\$25,000 to \$39,999 .....	174	5 482		-
\$40,000 to \$49,999 .....	43	1 921		-
\$50,000 or more .....	133	16 870		-

See footnotes at end of table

Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
Total farm production expenses—Con				
Electricity ----- farms .....	4 870	(X)	4 388	3 624
----- \$1,000 .....	(X)	38 289	47 308	32 873
----- percent of total .....	(X)	2.9	(NA)	(NA)
Farms with expenses of—				
\$1 to \$499 .....	2 014	421	1 775	1 558
\$500 to \$999 .....	798	512	509	486
\$1,000 to \$1,999 .....	749	955	765	412
\$2,000 to \$4,999 .....	508	1 521	402	378
\$5,000 to \$9,999 .....	229	1 573		
\$10,000 to \$24,999 .....	314	4 836	937	790
\$25,000 or more .....	258	28 471		
Hired farm labor ----- farms .....	3 582	(X)	3 497	3 315
----- \$1,000 .....	(X)	207 689	156 401	129 517
----- percent of total .....	(X)	16.0	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	854	295	916	751
\$1,000 to \$4,999 .....	673	1 644	894	793
\$5,000 to \$9,999 .....	385	2 674	277	266
\$10,000 to \$24,999 <sup>1</sup> .....	591	9 587	848	1 505
\$25,000 to \$49,999 .....	392	13 610		
\$50,000 to \$79,999 .....	252	15 603		
\$80,000 to \$99,999 .....	80	7 038	562	
\$100,000 or more .....	355	157 237		
Contract labor ----- farms .....	1 728	(X)	1 032	1 243
----- \$1,000 .....	(X)	40 353	31 239	29 056
----- percent of total .....	(X)	3.1	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	419	149	220	218
\$1,000 to \$4,999 .....	631	1 437	427	512
\$5,000 to \$9,999 .....	275	1 869	136	173
\$10,000 to \$24,999 .....	212	3 129		
\$25,000 to \$49,999 .....	77	2 592	249	340
\$50,000 or more .....	114	31 175		
Repair and maintenance ----- farms .....	6 001	(X)	(NA)	(NA)
----- \$1,000 .....	(X)	53 723	(NA)	(NA)
----- percent of total .....	(X)	4.1	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	2 456	1 018	(NA)	(NA)
\$1,000 to \$4,999 .....	2 041	4 505	(NA)	(NA)
\$5,000 to \$9,999 .....	464	3 097	(NA)	(NA)
\$10,000 to \$24,999 .....	587	8 799	(NA)	(NA)
\$25,000 to \$49,999 .....	234	7 863	(NA)	(NA)
\$50,000 or more .....	219	28 442	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment <sup>3</sup> ----- farms .....	2 488	(X)	1 950	2 305
----- \$1,000 .....	(X)	35 038	44 487	34 698
----- percent of total .....	(X)	2.7	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	999	322	685	827
\$1,000 to \$4,999 .....	519	1 229	435	614
\$5,000 to \$9,999 .....	304	2 074	242	279
\$10,000 to \$24,999 .....	341	5 530		
\$25,000 to \$49,999 .....	191	6 256	588	585
\$50,000 or more .....	134	19 628		
Interest <sup>4</sup> ----- farms .....	3 465	(X)	3 120	(NA)
----- \$1,000 .....	(X)	74 553	100 153	(NA)
----- percent of total .....	(X)	5.7	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	653	294	485	(NA)
\$1,000 to \$4,999 .....	1 181	3 061	950	(NA)
\$5,000 to \$9,999 .....	603	4 216	440	(NA)
\$10,000 to \$24,999 .....	503	7 615		
\$25,000 to \$49,999 .....	231	7 992		
\$50,000 to \$99,999 .....	162	11 003	1 245	(NA)
\$100,000 or more .....	132	40 373		
Interest paid on debt -----				
Secured by real estate .....	2 295	47 071	(NA)	(NA)
Not secured by real estate .....	1 761	27 482	(NA)	(NA)
Cash rent ----- farms .....	1 780	(X)	(NA)	(NA)
----- \$1,000 .....	(X)	46 666	(NA)	(NA)
----- percent of total .....	(X)	3.6	(NA)	(NA)
Farms with expenses of—				
\$1 to \$499 .....	278	60	(NA)	(NA)
\$500 to \$999 .....	116	76	(NA)	(NA)
\$1,000 to \$4,999 .....	477	1 195	(NA)	(NA)
\$5,000 to \$9,999 .....	278	1 978	(NA)	(NA)
\$10,000 to \$24,999 .....	259	4 367	(NA)	(NA)
\$25,000 to \$49,999 .....	177	6 288	(NA)	(NA)
\$50,000 or more .....	195	32 701	(NA)	(NA)
Property taxes paid ----- farms .....	6 788	(X)	(NA)	(NA)
----- \$1,000 .....	(X)	21 154	(NA)	(NA)
----- percent of total .....	(X)	1.6	(NA)	(NA)
Farms with expenses of—				
\$1 to \$499 .....	2 419	524	(NA)	(NA)
\$500 to \$999 .....	1 514	1 087	(NA)	(NA)
\$1,000 to \$4,999 .....	2 050	4 202	(NA)	(NA)
\$5,000 to \$9,999 .....	384	2 648	(NA)	(NA)
\$10,000 to \$24,999 .....	281	4 178	(NA)	(NA)
\$25,000 or more .....	140	8 516	(NA)	(NA)

See footnotes at end of table.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

<sup>2</sup>Data for 1987 exclude cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

<sup>1</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

**Table 5. Government Payments and Other Farm-Related Income: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Government payments ..... 1987..	1 194	58 034	1 134	57 840
Average per farm <sup>1</sup> ..... 1987..	(X)	48 604	(X)	51 006
Farms with receipts of—				
\$1 to \$999 .....	38	15	20	8
\$1,000 to \$4,999 .....	123	380	93	291
\$5,000 to \$9,999 .....	108	793	97	(D)
\$10,000 to \$24,999 .....	230	3 941	229	(D)
\$25,000 to \$49,999 .....	316	11 920	316	11 920
\$50,000 or more .....	379	40 985	379	40 985
Amount received in cash ..... 1987..	1 106	35 021	1 054	34 898
Value of certificates received ..... 1987..	959	23 013	931	22 943
Other farm-related income, gross before taxes and expenses <sup>2</sup> ..... 1987..	942	10 889	484	9 767
Average per farm <sup>1</sup> ..... 1987..	(X)	11 559	(X)	20 179
Farms with receipts of—				
\$1 to \$999 .....	265	120	64	25
\$1,000 to \$4,999 .....	310	764	121	314
\$5,000 to \$9,999 .....	146	1 046	82	614
\$10,000 to \$24,999 .....	107	1 795	106	(D)
\$25,000 to \$49,999 .....	73	2 513	73	2 513
\$50,000 or more .....	39	4 651	38	(D)
Customwork and other agricultural services <sup>3</sup> ..... 1987..	425	3 631	258	3 405
..... 1982..	357	8 865	259	8 353
Average per farm <sup>1</sup> ..... 1987..	(X)	8 544	(X)	13 196
..... 1982..	(X)	24 832	(X)	32 253
1987 farms with receipts of—				
\$1 to \$999 .....	131	54	39	21
\$1,000 to \$4,999 .....	125	316	57	165
\$5,000 to \$9,999 .....	52	392	45	350
\$10,000 to \$24,999 .....	68	1 173	68	1 173
\$25,000 to \$49,999 .....	48	(D)	48	(D)
\$50,000 or more .....	1	(D)	1	(D)
Rental of farmland ..... 1987..	326	5 273	158	4 677
Average per farm <sup>1</sup> ..... 1987..	(X)	16 176	(X)	29 603
Farms with receipts of—				
\$1 to \$999 .....	87	46	26	9
\$1,000 to \$4,999 .....	118	328	38	92
\$5,000 to \$9,999 .....	40	281	15	104
\$10,000 to \$24,999 .....	31	515	30	(D)
\$25,000 or more .....	50	4 103	49	(D)
Sales of forest products and Christmas trees ..... 1987..	29	682	19	(D)
Average per farm <sup>1</sup> ..... 1987..	(X)	23 506	(X)	(D)
Farms with receipts of—				
\$1 to \$999 .....	9	1	1	(D)
\$1,000 to \$4,999 .....	11	20	11	20
\$5,000 to \$9,999 .....	5	33	3	(D)
\$10,000 to \$24,999 .....	2	(D)	2	(D)
\$25,000 or more .....	2	(D)	2	(D)
Other farm-related income sources ..... 1987..	215	1 303	92	(D)
Average per farm <sup>1</sup> ..... 1987..	(X)	6 060	(X)	(D)
Farms with receipts of—				
\$1 to \$999 .....	63	29	13	(D)
\$1,000 to \$4,999 .....	71	148	27	72
\$5,000 to \$9,999 .....	53	355	24	172
\$10,000 to \$24,999 .....	14	210	14	210
\$25,000 or more .....	14	561	14	561

<sup>1</sup>Data are in whole dollars

<sup>2</sup>Data are based on a sample of farms.

<sup>3</sup>Data for 1987 are based on a sample of farms; data for 1982 are nonsample and exclude abnormals from farms with sales of \$10,000 or more.

**Table 6. Commodity Credit Corporation Loans: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

CCC loans	1987		1982	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
<b>Total</b> .....	<b>242</b>	<b>13 464</b>	<b>345</b>	<b>19 720</b>
Average per farm <sup>1</sup> .....	(X)	55 637	(X)	57 160
Farms with loans of—				
\$1 to \$999 .....	7	4	6	(D)
\$1,000 to \$4,999 .....	26	71	28	83
\$5,000 to \$9,999 .....	28	221	43	313
\$10,000 to \$19,999 .....	31	464	59	847
\$20,000 to \$24,999 .....	17	369		
\$25,000 to \$49,999 .....	49	1 801	209	18 473
\$50,000 or more .....	84	10 534		
<b>Corn</b> .....	<b>20</b>	<b>1 060</b>	<b>(NA)</b>	<b>(NA)</b>
Average per farm <sup>1</sup> .....	(X)	53 009	(X)	(NA)
Farms with loans of—				
\$1 to \$999 .....	1	(D)	(NA)	(NA)
\$1,000 to \$9,999 .....	1	(D)	(NA)	(NA)
\$10,000 to \$24,999 .....	3	(D)	(NA)	(NA)
\$25,000 or more .....	15	1 003	(NA)	(NA)
<b>Wheat</b> .....	<b>31</b>	<b>939</b>	<b>40</b>	<b>654</b>
Average per farm <sup>1</sup> .....	(X)	30 293	(X)	16 350
Farms with loans of—				
\$1 to \$999 .....	1	(D)	(NA)	(NA)
\$1,000 to \$9,999 .....	15	(D)	(NA)	(NA)
\$10,000 to \$24,999 .....	7	109	(NA)	(NA)
\$25,000 or more .....	8	772	(NA)	(NA)
<b>Soybeans</b> .....	<b>-</b>	<b>-</b>	<b>(NA)</b>	<b>(NA)</b>
Average per farm <sup>1</sup> .....	(X)	-	(X)	(NA)
Farms with loans of—				
\$1 to \$999 .....	-	-	(NA)	(NA)
\$1,000 to \$9,999 .....	-	-	(NA)	(NA)
\$10,000 to \$24,999 .....	-	-	(NA)	(NA)
\$25,000 or more .....	-	-	(NA)	(NA)
<b>Sorghum, barley, and oats</b> .....	<b>5</b>	<b>21</b>	<b>(NA)</b>	<b>(NA)</b>
Average per farm <sup>1</sup> .....	(X)	4 251	(X)	(NA)
Farms with loans of—				
\$1 to \$999 .....	1	(D)	(NA)	(NA)
\$1,000 to \$9,999 .....	4	(D)	(NA)	(NA)
\$10,000 to \$24,999 .....	-	-	(NA)	(NA)
\$25,000 or more .....	-	-	(NA)	(NA)
<b>Cotton</b> .....	<b>171</b>	<b>10 465</b>	<b>304</b>	<b>17 117</b>
Average per farm <sup>1</sup> .....	(X)	61 200	(X)	56 306
Farms with loans of—				
\$1 to \$999 .....	2	(D)	(NA)	(NA)
\$1,000 to \$9,999 .....	22	(D)	(NA)	(NA)
\$10,000 to \$24,999 .....	38	656	(NA)	(NA)
\$25,000 or more .....	109	9 690	(NA)	(NA)
<b>Peanuts, rye, rice, tobacco, and honey</b> .....	<b>46</b>	<b>978</b>	<b>(NA)</b>	<b>(NA)</b>
Average per farm <sup>1</sup> .....	(X)	21 268	(X)	(X)
Farms with loans of—				
\$1 to \$999 .....	4	3	(NA)	(NA)
\$1,000 to \$9,999 .....	29	158	(NA)	(NA)
\$10,000 to \$24,999 .....	7	109	(NA)	(NA)
\$25,000 or more .....	6	709	(NA)	(NA)

<sup>1</sup>Data are in whole dollars.

**Table 7. Land Use and Acres Diverted: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

All farms		1987	Percent of total in 1987	1982	1978
Farms .....	number..	7 669	100.0	7 334	6 298
Land in farms .....	acres..	36 287 794	100.0	37 752 534	38 505 905
Total cropland .....	farms..	4 840	63.1	4 948	4 472
	acres..	1 453 852	4.0	1 480 103	1 543 713
Harvested cropland .....	farms..	3 646	47.5	3 838	3 579
	acres..	865 817	2.4	1 047 213	1 106 631
Farms by acres harvested					
1 to 49 acres .....		1 924	25.1	2 163	1 745
1 to 9 acres .....		1 049	13.7	1 168	815
10 to 19 acres .....		342	4.5	463	414
20 to 29 acres .....		260	3.4	260	234
30 to 49 acres .....		273	3.6	272	282
50 to 99 acres .....		330	4.3	290	325
100 to 199 acres .....		383	5.0	316	333
200 to 499 acres .....		584	7.4	482	532
500 to 999 acres .....		267	3.5	344	376
1,000 acres or more .....		178	2.3	243	268
1,000 to 1,999 acres .....		121	1.6	161	168
2,000 acres or more .....		57	.7	82	100
Cropland used only for pasture or grazing .....	farms..	1 551	20.2	1 653	1 427
	acres..	139 721	4	128 964	124 685
Other cropland .....	farms..	1 828	23.8	1 482	1 284
	acres..	448 314	1.2	303 926	312 397
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured .....	farms..	201	2.6	115	86
	acres..	23 694	1	8 429	3 871
Cropland on which all crops failed .....	farms..	164	2.1	103	154
	acres..	5 445	(Z)	4 358	10 301
Cropland in cultivated summer fallow .....	farms..	298	3.9	271	268
	acres..	85 416	.2	79 114	98 487
Cropland idle .....	farms..	1 443	18.8	1 188	972
	acres..	333 759	9	212 025	199 738
Total woodland .....	farms..	280	3.7	318	221
	acres..	4 106 447	11.3	3 767 953	4 218 055
Woodland pastured .....	farms..	190	2.5	225	149
	acres..	3 848 812	10.6	3 603 100	4 058 148
Woodland not pastured .....	farms..	109	1.4	134	93
	acres..	257 635	.7	164 853	159 907
Pastureland and rangeland other than cropland and woodland pastured .....	farms..	2 399	31.3	2 163	1 992
	acres..	29 840 297	82.2	31 539 140	31 658 740
Land in house lots, ponds, roads, wasteland, etc. ....	farms..	4 203	54.8	4 055	3 283
	acres..	887 198	2.4	965 338	1 085 397
Cropland under federal acreage reduction programs:					
Annual commodity acreage adjustment programs .....	farms..	1 045	(X)	545	347
	acres..	118 003	(X)	48 614	21 856
Conservation reserve program .....	farms..	73	(X)	(NA)	(NA)
	acres..	13 988	(X)	(NA)	(NA)

**Table 8. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1987	1982	1987	1982	1987	1982	1987	1982
Land in farms .....	7 669	7 334	36 287 794	37 752 534	865 817	1 047 213	913 841	1 097 825
Farms by size:								
1 to 9 acres .....	2 158	1 966	6 853	7 143	1 683	2 220	2 496	3 094
10 to 49 acres .....	1 510	1 609	34 036	35 619	12 374	14 018	14 541	16 569
50 to 69 acres .....	256	257	14 692	14 635	4 102	4 309	4 936	5 569
70 to 99 acres .....	314	278	25 382	22 581	8 625	8 243	9 711	9 603
100 to 139 acres .....	247	234	28 563	27 030	11 139	9 269	11 669	10 185
140 to 179 acres .....	316	282	49 766	44 585	13 714	15 278	16 971	17 075
180 to 219 acres .....	166	147	32 601	28 830	10 496	9 953	11 416	10 490
220 to 259 acres .....	131	128	31 378	30 203	13 117	13 573	14 234	13 934
260 to 499 acres .....	613	564	228 306	207 722	91 201	88 593	95 320	93 030
500 to 999 acres .....	678	600	473 635	422 024	165 540	195 894	170 763	205 297
1,000 to 1,999 acres .....	436	446	600 726	619 725	202 237	238 947	207 683	242 821
2,000 acres or more .....	844	823	34 761 856	36 292 437	331 589	446 916	354 101	470 158
5,000 acres or more .....	537	550	33 818 625	35 452 173	162 595	238 641	174 316	254 827
Farms with harvested cropland .....	3 646	3 838	18 130 233	17 524 298	865 817	1 047 213	888 754	1 076 917
Farms by size:								
1 to 9 acres .....	545	661	2 371	3 033	1 683	2 220	1 727	2 306
10 to 49 acres .....	836	967	19 288	21 508	12 374	14 018	13 047	14 721
50 to 69 acres .....	125	147	7 292	8 299	4 102	4 309	4 431	4 812
70 to 99 acres .....	191	175	15 360	14 142	8 625	8 243	9 034	8 928
100 to 139 acres .....	164	140	18 847	16 287	11 139	9 269	11 497	9 627
140 to 179 acres .....	169	165	26 398	26 073	13 714	15 278	15 181	15 889
180 to 219 acres .....	104	92	20 433	18 052	10 496	9 953	11 147	10 207
220 to 259 acres .....	92	92	22 003	21 625	13 117	13 573	13 708	13 785
260 to 499 acres .....	422	378	157 652	141 018	91 201	88 593	93 539	91 377
500 to 999 acres .....	453	428	318 577	301 800	165 540	195 894	169 087	199 932
1,000 to 1,999 acres .....	278	287	378 800	397 096	202 237	238 947	206 615	241 525
2,000 acres or more .....	267	306	15 143 212	16 555 365	331 589	446 916	339 741	463 808
5,000 acres or more .....	114	159	14 680 493	16 107 485	162 595	238 641	163 414	251 232
Farms with irrigated land .....	4 241	4 437	17 167 064	18 870 572	864 435	1 046 121	913 841	1 097 825
Farms by size:								
1 to 9 acres .....	790	870	3 340	4 027	1 649	2 165	2 496	3 094
10 to 49 acres .....	976	1 145	22 087	25 102	12 248	13 878	14 541	16 569
50 to 69 acres .....	145	178	8 433	10 113	4 097	4 309	4 936	5 569
70 to 99 acres .....	218	194	17 576	15 706	8 612	8 099	9 711	9 603
100 to 139 acres .....	173	157	19 916	18 234	11 129	9 194	11 669	10 185
140 to 179 acres .....	202	187	31 648	29 496	13 714	15 218	16 971	17 075
180 to 219 acres .....	109	98	21 383	19 231	10 446	9 953	11 416	10 490
220 to 259 acres .....	101	100	24 155	23 504	13 117	13 573	14 234	13 934
260 to 499 acres .....	444	406	165 880	151 691	91 196	88 293	95 320	93 030
500 to 999 acres .....	472	451	331 414	319 465	165 304	195 778	170 763	205 297
1,000 to 1,999 acres .....	293	306	402 224	425 732	202 170	238 946	207 683	242 821
2,000 acres or more .....	318	345	16 119 008	17 828 271	330 753	446 715	354 101	470 158
5,000 acres or more .....	152	183	15 613 240	17 333 732	161 766	238 441	174 316	254 827

**Table 9. Irrigation: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		1987	1982	1978	Farms with irrigation		1987	1982	1978
Farms .....	number...	4 241	4 437	4 185	Irrigated land—Con				
Proportion of farms .....	percent...	55.3	60.5	66.4	Acres irrigated—Con				
					200 to 499 acres .....	farms...	593	504	575
						acres...	188 919	165 012	186 479
					500 to 999 acres .....	acres...	273	353	395
						acres...	185 362	245 576	272 365
					1,000 acres or more .....	farms...	187	251	278
						acres...	422 489	580 950	626 350
Irrigated land .....	acres...	913 841	1 097 825	1 195 727					
Average per farm .....	acres...	215	247	286					
Acres irrigated:					Irrigated land use:				
1 to 9 acres .....	farms...	1 334	1 440	1 028	Harvested cropland .....	farms...	3 585	3 767	3 515
	acres...	5 032	5 870	4 351		acres...	859 654	1 042 527	1 102 502
10 to 49 acres .....	farms...	1 043	1 166	1 123	Pastureland and other land .....	farms...	1 083	1 182	(NA)
	acres...	24 038	25 178	25 044		acres...	54 187	55 298	93 225
50 to 99 acres .....	farms...	369	353	408					
	acres...	25 960	23 911	28 286	Land in irrigated farms .....	acres...	17 167 064	18 870 572	16 631 312
100 to 199 acres .....	farms...	442	370	378	Cropland .....	acres...	1 332 251	1 372 800	1 469 031
	acres...	62 041	51 328	52 852	Harvested cropland .....	acres...	864 435	1 046 121	1 104 977



Table 10. Selected Characteristics of Irrigated and Nonirrigated Farms: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms		Irrigated farms				Nonirrigated farms	
			Any land irrigated		All harvested cropland irrigated			
	1987	1982	1987	1982	1987	1982	1987	1982
Farms ----- number .....	7 669	7 334	4 241	4 437	3 534	3 721	3 428	2 897
Land in farms ----- acres .....	36 287 794	37 752 534	17 167 064	18 870 572	11 557 686	11 598 631	19 120 730	18 881 962
Value of land and buildings <sup>1</sup> -----								
Average per farm ----- dollars .....	1 317 765	1 496 334	1 509 676	1 697 688	1 479 789	1 678 489	1 077 848	1 191 333
Average per acre ----- dollars .....	279	289	374	394	458	525	193	184
Irrigated land ----- acres .....	913 841	1 097 825	913 841	1 097 825	878 596	1 071 626	(X)	(X)
Land in farms according to use -----								
Total cropland ----- farms .....	4 840	4 948	3 998	4 261	3 534	3 721	842	667
----- acres .....	1 453 852	1 480 103	1 332 251	1 372 800	1 282 594	1 331 597	121 601	107 303
Harvested cropland ----- farms .....	3 646	3 838	3 588	3 770	3 534	3 721	58	68
----- acres .....	865 817	1 047 213	864 435	1 046 121	852 918	1 038 608	1 382	1 092
Pastureland, excluding woodland pastured ----- farms .....	3 565	3 476	1 663	1 844	995	1 167	1 902	1 632
----- acres .....	29 980 018	31 668 104	12 813 230	14 685 551	8 237 299	8 725 376	17 166 788	16 982 553
Land set aside in federal farm programs ----- farms .....	1 059	(NA)	1 053	(NA)	1 042	(NA)	6	(NA)
----- acres .....	132 991	(NA)	132 295	(NA)	129 900	(NA)	696	(NA)
Owned and rented land in farms -----								
Owned land in farms ----- farms .....	6 574	(NA)	3 450	(NA)	2 789	(NA)	3 124	(NA)
----- acres .....	26 464 825	(NA)	13 911 282	(NA)	9 161 160	(NA)	12 553 543	(NA)
Rented or leased land in farms ----- farms .....	2 625	2 332	1 730	(NA)	1 550	(NA)	895	(NA)
----- acres .....	9 822 969	11 139 678	3 255 782	(NA)	2 396 526	(NA)	6 567 187	(NA)
Market value of agricultural products sold ----- \$1,000 .....	1 628 544	1 526 915	1 244 180	1 066 505	1 077 593	1 023 717	384 363	460 410
Average per farm ----- dollars .....	212 354	208 197	293 370	240 366	304 922	275 119	112 125	158 926
Crops, including nursery and greenhouse crops ----- farms .....	2 939	2 898	2 910	2 855	2 869	2 830	29	43
----- \$1,000 .....	896 681	806 847	895 841	805 954	883 145	804 492	840	892
Livestock, poultry, and their products ----- farms .....	4 494	4 490	1 611	1 981	1 041	1 363	2 883	2 509
----- \$1,000 .....	731 863	720 068	348 340	260 551	194 448	219 225	383 523	459 517
Total farm production expenses <sup>1</sup> ----- \$1,000 .....	1 301 666	(NA)	979 160	(NA)	833 415	(NA)	322 506	(NA)
Average per farm ----- dollars .....	169 642	(NA)	229 688	(NA)	234 105	(NA)	94 577	(NA)
Livestock and poultry purchased ----- farms .....	2 343	2 783	964	(NA)	665	(NA)	1 379	(NA)
----- \$1,000 .....	244 484	250 356	143 928	(NA)	62 819	(NA)	100 556	(NA)
Feed for livestock and poultry ----- farms .....	4 084	4 464	1 521	1 944	972	1 311	2 563	2 520
----- \$1,000 .....	208 527	237 766	96 604	91 003	62 675	75 711	111 923	146 763
Seeds, bulbs, plants, and trees ----- farms .....	2 374	2 459	2 261	2 364	2 081	2 174	113	95
----- \$1,000 .....	17 741	13 716	17 645	13 658	17 071	13 539	95	58
Commercial fertilizer <sup>2</sup> ----- farms .....	3 075	3 000	2 972	2 938	2 791	2 714	103	62
----- \$1,000 .....	51 672	60 308	51 531	60 294	50 835	59 985	140	13
Agricultural chemicals <sup>2</sup> ----- farms .....	3 253	2 346	2 786	2 287	2 660	2 210	467	59
----- \$1,000 .....	60 366	60 000	60 104	59 974	59 594	59 944	262	27
Petroleum products ----- farms .....	6 896	7 182	3 983	(NA)	3 363	(NA)	2 913	(NA)
----- \$1,000 .....	44 554	62 705	36 976	(NA)	35 016	(NA)	7 578	(NA)
Electricity ----- farms .....	4 870	4 388	2 881	(NA)	2 452	(NA)	1 989	(NA)
----- \$1,000 .....	38 289	47 308	33 282	(NA)	31 528	(NA)	5 008	(NA)
Hired farm labor ----- farms .....	3 582	3 497	2 485	2 429	2 193	2 194	1 097	1 068
----- \$1,000 .....	207 689	156 401	177 595	135 174	168 040	132 035	30 095	21 227
Contract labor ----- farms .....	1 728	1 032	1 342	852	1 252	833	386	180
----- \$1,000 .....	40 353	31 239	38 717	30 680	37 769	30 517	1 636	559
Repairs and maintenance ----- farms .....	6 001	(NA)	3 524	(NA)	2 968	(NA)	2 477	(NA)
----- \$1,000 .....	53 723	(NA)	44 645	(NA)	41 789	(NA)	9 078	(NA)
Customwork, machine hire, and rental of machinery and equipment <sup>3</sup> ----- farms .....	2 488	1 950	1 943	(NA)	1 807	(NA)	545	(NA)
----- \$1,000 .....	35 038	44 487	33 954	(NA)	33 681	(NA)	1 084	(NA)
Interest <sup>4</sup> ----- farms .....	3 465	3 120	2 137	2 214	1 875	1 980	1 328	906
----- \$1,000 .....	74 553	100 153	57 622	78 751	54 092	76 217	16 931	21 402
Cash rent paid for land and buildings ----- farms .....	1 780	(NA)	1 316	(NA)	1 235	(NA)	464	(NA)
----- \$1,000 .....	46 666	(NA)	42 343	(NA)	41 518	(NA)	4 322	(NA)
Property taxes paid ----- farms .....	6 788	(NA)	3 613	(NA)	2 934	(NA)	3 175	(NA)
----- \$1,000 .....	21 154	(NA)	15 874	(NA)	14 069	(NA)	5 280	(NA)
All other farm production expenses ----- farms .....	7 078	(NA)	4 002	(NA)	3 346	(NA)	3 076	(NA)
----- \$1,000 .....	156 858	(NA)	128 339	(NA)	122 921	(NA)	28 519	(NA)
Commodity Credit Corporation loans ----- farms .....	242	345	205	(NA)	203	(NA)	37	(NA)
----- \$1,000 .....	13 464	19 720	12 755	(NA)	12 717	(NA)	710	(NA)
Government payments received ----- farms .....	1 194	(NA)	1 142	(NA)	1 120	(NA)	52	(NA)
----- \$1,000 .....	58 034	(NA)	57 472	(NA)	56 969	(NA)	561	(NA)
Other farm-related income <sup>1</sup> ----- farms .....	942	(NA)	657	(NA)	552	(NA)	285	(NA)
----- \$1,000 .....	10 889	(NA)	9 194	(NA)	8 917	(NA)	1 695	(NA)
Estimated market value of all machinery and equipment <sup>1</sup> ----- farms .....	7 635	7 264	4 236	4 347	3 533	3 624	3 399	2 917
----- \$1,000 .....	425 285	407 289	338 889	340 771	314 681	319 706	86 396	66 518
Average per farm ----- dollars .....	55 702	56 069	80 002	78 392	89 069	88 219	25 418	22 803
Inventory of livestock -----								
Cattle and calves ----- farms .....	3 521	3 792	1 319	1 819	874	1 261	2 202	1 973
----- number .....	1 110 912	1 139 377	492 256	485 501	294 774	379 908	618 656	653 876
Milk cows ----- farms .....	476	730	214	408	156	294	262	322
----- number .....	86 280	81 811	29 003	37 934	25 520	35 493	57 277	43 877
Hogs and pigs ----- farms .....	331	543	160	263	121	199	171	280
----- number .....	135 414	160 816	36 289	45 019	35 701	37 515	99 125	115 797
Sheep and lambs ----- farms .....	456	479	198	256	139	183	258	223
----- number .....	301 279	345 406	237 018	265 027	125 503	149 236	64 261	80 379

<sup>1</sup>Data are based on a sample of farms

<sup>2</sup>Data for 1987 include cost of custom applications

<sup>3</sup>Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals

<sup>4</sup>Data for 1982 do not include imputation for item nonresponse

**Table 11. Value of Land and Buildings: 1987, 1982, and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Value of land and buildings	1987		1982	1978
	Farms	Value (\$1,000)		
Estimated market value of land and buildings..... farms.....	7 673	(X)	7 333	6 298
..... \$1,000.....	(X)	10 111 212	10 972 616	7 550 316
Average per farm..... dollars.....	(X)	1 317 765	1 496 334	1 198 843
Average per acre..... dollars.....	(X)	279	289	197
<b>Farms by value group:</b>				
\$1 to \$39,999.....	1 356	18 188	1 102	944
\$40,000 to \$69,999.....	618	33 012	869	632
\$70,000 to \$99,999.....	562	45 653	588	650
\$100,000 to \$149,999.....	790	92 639	719	581
\$150,000 to \$199,999.....	564	93 304	516	425
\$200,000 to \$499,999.....	1 587	486 249	1 307	1 188
\$500,000 to \$999,999.....	817	547 985	710	720
\$1,000,000 to \$1,999,999.....	577	794 505		
\$2,000,000 to \$4,999,999.....	522	1 577 544	1 522	1 158
\$5,000,000 or more.....	270	6 422 133		

**Table 12. Value of Machinery and Equipment on Place: 1987 and 1982**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Value of machinery and equipment	1987		1982	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Estimated market value of all machinery and equipment.....	7 635	425 285	7 264	407 289
Average per farm <sup>1</sup> .....	(X)	55 702	(X)	56 069
<b>By value group:</b>				
\$1 to \$4,999.....	858	2 232	869	2 519
\$5,000 to \$9,999.....	1 920	12 698	2 128	14 275
\$10,000 to \$19,999.....	1 479	19 417	1 369	17 772
\$20,000 to \$29,999.....	784	18 184	675	15 279
\$30,000 to \$49,999.....	807	29 788	660	23 839
\$50,000 to \$69,999.....	471	26 535	297	16 919
\$70,000 to \$99,999.....	365	29 474	280	21 983
\$100,000 to \$199,999.....	529	67 275	442	58 145
\$200,000 to \$499,999.....	310	84 213	402	113 443
\$500,000 to \$999,999.....	70	45 155		
\$1,000,000 or more.....	42	90 316	142	123 115

<sup>1</sup>Data are in whole dollars.

**Table 13. Selected Machinery and Equipment on Place: 1987 and 1982**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Selected machinery and equipment	1987						1982		
	Total		Manufactured 1983 to 1987		Manufactured prior to 1983		Farms	Number	Number manufactured 1978 to 1982
	Farms	Number	Farms	Number	Farms	Number			
<b>Motortrucks, including pickups.....</b>	6 890	16 570	3 564	6 116	5 155	10 454	6 449	16 596	7 393
2 or 3.....	2 533	5 819	825	1 823	1 664	3 855	2 212	5 098	2 146
4 or more.....	1 042	7 436	211	1 765	577	3 685	1 060	8 321	2 872
<b>Wheel tractors.....</b>	5 398	13 364	1 498	2 789	4 682	10 575	4 665	12 262	3 348
2 or 3.....	1 691	3 861	302	684	1 496	3 418	1 434	3 232	1 022
4 or more.....	994	6 790	140	1 049	763	4 734	922	6 721	1 594
Less than 40 horsepower (PTO).....	3 014	4 492	534	725	2 565	3 767	(NA)	(NA)	(NA)
40 horsepower (PTO) or more.....	3 426	8 872	1 045	2 064	2 998	6 808	(NA)	(NA)	(NA)
<b>Grain and bean combines<sup>1</sup>.....</b>	332	382	95	106	247	276	284	369	174
Cottonpickers and strippers.....	772	1 609	263	538	617	1 071	739	1 723	979
Mower conditioners.....	834	1 032	180	221	706	811	708	861	245
Pickup balers.....	827	1 138	181	230	682	908	800	1 042	264

<sup>1</sup>Data for 1982 include self-propelled only

Table 14. **Petroleum Products Expenses: 1987, 1982, and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
Petroleum products ----- farms..	6 896	(X)	7 182	6 211
----- \$1,000..	(X)	44 554	62 705	40 300
Average per farm ----- dollars..	(X)	6 461	8 731	6 488
Gasoline and gasohol ----- farms..	5 923	(X)	6 631	5 907
----- \$1,000..	(X)	16 532	20 422	13 584
Average per farm ----- dollars..	(X)	2 791	3 080	2 300
Farms with expenses of—				
\$1 to \$499 -----	2 149	423	3 358	2 791
\$500 to \$999 -----	981	628	767	724
\$1,000 to \$1,999 -----	1 061	1 428	565	727
\$2,000 to \$4,999 -----	977	2 856	862	964
\$5,000 to \$9,999 -----	456	3 013	595	415
\$10,000 to \$24,999 -----	214	3 001	484	286
\$25,000 or more -----	85	5 182		
Diesel fuel ----- farms..	3 603	(X)	3 364	2 635
----- \$1,000..	(X)	19 590	24 272	12 227
Average per farm ----- dollars..	(X)	5 437	7 215	4 640
Farms with expenses of—				
\$1 to \$499 -----	1 280	219	1 340	796
\$500 to \$999 -----	399	258	266	319
\$1,000 to \$1,999 -----	414	544	354	336
\$2,000 to \$4,999 -----	588	1 796	367	510
\$5,000 to \$9,999 -----	471	3 264	341	356
\$10,000 to \$24,999 -----	298	4 357	696	318
\$25,000 or more -----	153	9 151		
Natural gas ----- farms..	505	(X)	532	555
----- \$1,000..	(X)	3 600	10 516	8 702
Average per farm ----- dollars..	(X)	7 128	19 767	15 679
Farms with expenses of—				
\$1 to \$99 -----	38	1	5	42
\$100 to \$499 -----	185	45	165	105
\$500 to \$999 -----	51	36	59	66
\$1,000 to \$1,999 -----	51	66	43	57
\$2,000 to \$4,999 -----	82	249	59	53
\$5,000 to \$9,999 -----	34	239	201	232
\$10,000 or more -----	64	2 964		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	4 805	(X)	(NA)	(NA)
----- \$1,000..	(X)	4 833	7 495	5 787
Average per farm ----- dollars..	(X)	1 006	(NA)	(NA)
Farms with expenses of—				
\$1 to \$99 -----	1 297	61	(NA)	(NA)
\$100 to \$499 -----	1 772	417	(NA)	(NA)
\$500 to \$999 -----	639	427	(NA)	(NA)
\$1,000 to \$1,999 -----	549	710	(NA)	(NA)
\$2,000 to \$4,999 -----	339	1 003	(NA)	(NA)
\$5,000 to \$9,999 -----	157	1 008	(NA)	(NA)
\$10,000 or more -----	52	1 206	(NA)	(NA)

Table 15. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1987, 1982, and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Chemicals used	1987	1982	1978	Chemicals used	1987	1982	1978
Any chemicals, fertilizer, or lime used ----- farms..	3 771	3 298	3 634	Any chemicals, fertilizer, or lime used—Con.			
Commercial fertilizer <sup>1</sup> ----- farms..	3 075	3 000	3 003	Sprays, dusts, granulas, fumigants, etc., to control—			
acres on which used ----- \$1,000..	814 565	966 275	1 039 793	Insects on hay and other crops ----- farms..	2 228	1 866	1 887
Lime ----- farms..	-	-	-	acres on which used -----	677 844	788 261	768 585
acres on which used -----	-	-	-	Nematodes in crops ----- farms..	202	150	220
tons -----	-	-	-	acres on which used -----	32 365	38 037	52 636
Farms by tons used:				Diseases in crops and orchards ----- farms..	333	323	359
1 to 49 tons -----	-	-	-	acres on which used -----	61 965	62 384	91 747
50 to 99 tons -----	-	-	-	Woods, grass, or brush in crops and pasture ----- farms..	1 770	1 502	1 591
100 to 199 tons -----	-	-	-	acres on which used -----	538 181	536 834	633 707
200 to 499 tons -----	-	-	-	Chemicals used for dactoliation or for growth control of crops or thinning of fruit ----- farms..	1 120	903	1 027
500 to 999 tons -----	-	-	-	acres on which used -----	311 847	396 628	428 535
1,000 tons or more -----	-	-	-				
Agricultural chemicals <sup>1</sup> ----- farms..	3 253	2 346	2 934				
----- \$1,000..	60 366	60 000	46 256				

<sup>1</sup>Data for 1987 include cost of custom applications, data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

**Table 16. Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms			Farms operated by Black and other races <sup>1</sup>		
	1987	1982	1978	1987	1982	1978
<b>Tenure of operator.</b>						
All operators ----- farms.....	7 669	7 334	6 298	598	482	371
Harvested cropland ----- acres.....	36 287 794	37 752 534	38 505 905	21 143 151	20 457 319	20 813 132
Full owners ----- farms.....	3 646	3 838	3 579	227	241	190
Harvested cropland ----- acres.....	865 817	1 047 213	1 106 631	72 487	60 242	65 158
Part owners ----- farms.....	5 044	4 990	3 938	445	356	251
Harvested cropland ----- farms.....	23 429 445	23 832 820	23 000 202	20 884 872	20 345 783	20 516 767
Harvested cropland ----- acres.....	2 063	2 424	2 131	137	157	99
-----	252 825	350 607	364 884	35 321	32 640	30 241
Part owners ----- farms.....	1 530	1 557	1 587	58	53	64
Harvested cropland ----- acres.....	10 659 290	10 300 515	12 212 228	81 353	56 988	75 394
----- farms.....	827	939	949	37	42	54
----- acres.....	337 563	476 999	495 354	6 119	14 185	20 830
Tenants ----- farms.....	1 095	787	773	95	73	56
Harvested cropland ----- acres.....	2 199 059	3 619 199	3 293 475	176 926	54 548	220 971
----- farms.....	756	475	499	53	42	37
----- acres.....	275 429	219 607	246 393	31 047	13 417	14 087
Percent of tenancy ----- percent.....	14.3	10.7	12.3	15.9	15.1	15.1
<b>Operators by place of residence:</b>						
On farm operated -----	4 679	4 566	3 794	385	284	204
Not on farm operated -----	2 469	2 034	1 891	179	137	113
Not reported -----	521	734	613	34	61	54
<b>Operators by principal occupation:</b>						
Farming -----	3 782	3 501	3 099	274	231	137
Other -----	3 887	3 833	3 199	324	251	234
<b>Operators by days of work off farm:</b>						
None -----	2 830	2 569	2 608	206	181	135
Any -----	4 423	4 244	3 475	351	273	227
1 to 49 days -----	444	397	384	56	50	30
50 to 99 days -----	247	230	178	30	30	8
100 to 149 days -----	292	251	226	27	24	11
150 to 199 days -----	443	419	314	52	28	25
200 days or more -----	2 997	2 947	2 373	186	141	153
Not reported -----	416	521	215	41	28	9
<b>Operators by years on present farm:</b>						
2 years or less -----	725	653	(NA)	42	25	(NA)
3 or 4 years -----	803	1 037	(NA)	52	55	(NA)
5 to 9 years -----	1 828	1 525	(NA)	88	75	(NA)
10 years or more -----	3 165	2 700	(NA)	199	123	(NA)
Average years on present farm -----	13.4	12.8	(NA)	14.7	14.9	(NA)
Not reported -----	1 348	1 419	(NA)	217	204	(NA)
<b>Operators by age group:</b>						
Under 25 years -----	86	58	93	8	4	5
25 to 34 years -----	691	770	713	64	64	49
35 to 44 years -----	1 768	1 739	1 381	136	104	82
45 to 49 years -----	968	1 895	1 710	67	117	109
50 to 54 years -----	952	1 790	1 526	82	124	91
55 to 59 years -----	968	1 790	1 526	83	124	91
60 to 64 years -----	874	1 790	1 526	77	124	91
65 to 69 years -----	623	1 082	875	36	69	35
70 years and over -----	739	1 082	875	45	69	35
Average age -----	51.5	50.5	50.0	50.7	50.4	48.7
<b>Operators by sex.</b>						
Male ----- farms.....	6 806	6 719	5 905	527	422	337
----- acres.....	35 235 323	37 107 904	37 825 966	21 122 751	20 420 896	20 691 970
Female ----- farms.....	863	615	393	71	60	34
----- acres.....	1 052 471	644 630	679 939	20 400	36 423	121 162
<b>Operators of Spanish origin (see text)</b> ----- farms.....	363	299	318	125	82	84
----- acres.....	364 077	322 266	476 825	50 300	48 640	141 991
<b>Operators not of Spanish origin</b> ----- farms.....	5 408	(NA)	(NA)	300	(NA)	(NA)
<b>Spanish origin not reported</b> ----- farms.....	1 898	(NA)	(NA)	173	(NA)	(NA)
<b>Type of organization:</b>						
Individual or family (sole proprietorship) ----- farms.....	5 356	5 438	4 604	419	317	240
----- acres.....	6 170 484	7 441 737	7 878 499	296 031	146 345	84 946
Partnership ----- farms.....	1 369	1 019	907	52	45	29
----- acres.....	4 574 856	4 097 137	3 330 626	70 027	18 808	6 846
Corporation ----- farms.....	724	674	630	24	13	27
----- acres.....	3 954 445	5 096 823	5 937 087	37 398	25 123	141 589
Family held ----- farms.....	17	33	26	-	1	-
More than 10 stockholders ----- acres.....	90 136	1 058 495	1 464 802	-	(D)	-
10 or less stockholders ----- farms.....	592	516	495	21	11	24
----- acres.....	2 746 444	2 939 692	3 293 298	36 813	(D)	67 916
Other than family held ----- farms.....	25	29	34	2	1	3
More than 10 stockholders ----- acres.....	619 578	702 905	852 802	(D)	(D)	73 673
10 or less stockholders ----- farms.....	90	96	75	1	-	-
----- acres.....	498 287	395 731	326 185	(D)	-	-
Other—cooperative, estate or trust, institutional, etc. ----- farms.....	220	203	157	103	107	75
----- acres.....	21 588 009	21 116 837	21 359 693	20 739 695	20 267 043	20 579 751

<sup>1</sup>For classification of social and ethnic groups, see text

**Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Female operators	Operators of Spanish origin <sup>1</sup>	Farms operated by Black and other races				
			Total	Black	American Indian	Asian	Other (see text)
<b>FARMS AND LAND IN FARMS</b>							
Farms..... number, 1987..	863	363	598	12	426	34	126
..... 1982..	615	299	482	31	315	43	93
Land in farms..... acres, 1987..	1 052 471	364 077	21 143 151	1 460	21 071 670	14 304	55 717
..... 1982..	644 630	322 266	20 457 319	8 112	20 378 544	23 135	47 528
Harvested cropland..... farms, 1987..	238	186	227	5	123	31	68
..... 1982..	197	179	241	7	138	39	57
..... acres, 1987..	32 546	38 352	72 487	484	46 679	8 836	16 488
..... 1982..	16 985	36 499	60 242	815	35 235	14 897	9 295
<b>1987 FARMS BY SIZE</b>							
1 to 9 acres.....	413	90	218	6	169	4	39
10 to 49 acres.....	183	73	85	2	51	11	21
50 to 139 acres.....	68	52	62	2	38	6	16
140 to 219 acres.....	28	28	22	1	9	3	9
220 to 499 acres.....	46	51	46	-	24	4	18
500 acres or more.....	125	69	165	1	135	6	23
<b>1987 OWNED AND RENTED LAND IN FARMS</b>							
Owned land in farms..... farms..	789	309	503	9	363	30	101
..... acres..	552 579	112 227	20 905 554	(D)	20 881 622	(D)	18 744
Rented or leased land in farms..... farms..	170	137	153	5	89	14	45
..... acres..	499 892	251 850	237 597	(D)	190 048	(D)	36 973
<b>TENURE OF OPERATOR</b>							
Full owners..... farms, 1987..	693	226	445	7	337	20	81
..... 1982..	493	187	356	18	257	21	60
..... acres, 1987..	245 623	32 054	20 884 872	1 194	20 869 626	2 085	11 967
..... 1982..	191 627	111 388	20 345 783	1 705	20 332 355	4 249	7 474
Part owners..... farms, 1987..	96	83	58	2	26	10	20
..... 1982..	83	68	53	5	15	15	18
..... acres, 1987..	779 351	270 625	81 353	(D)	50 137	(D)	25 820
..... 1982..	417 878	191 375	56 988	6 311	6 730	11 899	32 048
Tenants..... farms, 1987..	74	54	95	3	63	4	25
..... 1982..	39	44	73	8	43	7	15
..... acres, 1987..	27 497	61 398	176 926	(D)	151 907	(D)	17 930
..... 1982..	35 125	19 503	54 548	98	39 459	6 987	8 006
<b>1987 FARMS BY TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship).....	667	272	419	10	296	18	95
Partnership.....	112	57	52	1	20	14	17
Family held corporation.....	57	31	21	1	7	2	11
Other than family held corporation.....	7	2	3	-	1	-	2
Other—cooperative, estate or trust, institutional, etc.....	20	1	103	-	102	-	1
<b>1987 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales..... farms..	863	363	598	12	426	34	126
..... \$1,000..	44 956	43 069	86 115	301	53 240	14 741	17 832
Crops, including nursery and greenhouse crops..... farms..	192	157	162	4	69	31	58
..... \$1,000..	33 138	35 160	54 939	(D)	23 461	(D)	16 632
Livestock, poultry, and their products..... farms..	561	221	454	5	375	4	70
..... \$1,000..	11 817	7 908	31 176	(D)	29 779	(D)	1 201
Farms by value of sales.....							
Less than \$2,500.....	412	106	233	5	190	2	36
\$2,500 to \$9,999.....	215	89	156	2	124	2	28
\$10,000 to \$19,999.....	56	31	40	3	23	4	10
\$20,000 to \$24,999.....	16	6	7	1	5	1	-
\$25,000 or more.....	164	131	162	1	84	25	52
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011).....	5	4	3	-	3	-	-
Field crops, except cash grains (013).....	80	84	82	3	34	9	36
Cotton (0131).....	56	45	50	2	15	7	26
Tobacco (0132).....	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139).....	24	39	32	1	19	2	10
Vegetables and melons (016).....	7	13	20	1	4	9	6
Fruits and tree nuts (017).....	76	24	18	-	3	8	7
Horticultural specialties (018).....	15	7	8	-	-	4	4
General farms, primarily crop (019).....	1	11	10	-	4	1	5
Livestock, except dairy, poultry, and animal specialties (021).....	324	169	421	5	356	2	58
Beef cattle, except feedlots (0212).....	228	137	312	4	265	2	41
Dairy farms (024).....	5	3	3	-	2	-	1
Poultry and eggs (025).....	11	2	-	-	-	-	-
Animal specialties (027).....	337	43	27	3	15	1	8
General farms, primarily livestock and animal specialties (029).....	2	3	6	-	5	-	1

See footnotes at end of table.

Table 17. **Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Female operators	Operators of Spanish origin <sup>1</sup>	Farms operated by Black and other races				
			Total	Black	American Indian	Asian	Other (see text)
<b>1987 OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated .....	615	216	385	7	294	12	72
Not on farm operated .....	195	139	179	5	103	20	51
Not reported .....	53	8	34	-	29	2	3
Operators by principal occupation:							
Farming .....	385	169	274	4	183	22	65
Other .....	478	194	324	8	243	12	61
Operators by days of work off farm:							
None .....	325	124	206	3	131	19	53
Any .....	835	384	351	10	385	21	121
1 to 99 days .....	83	32	86	1	69	3	13
100 to 199 days .....	422	195	79	5	192	11	57
200 days or more .....	330	157	186	4	124	7	51
Not reported .....	33	12	41	3	34	1	3
Operators by years on present farm:							
2 years or less .....	102	52	42	-	21	1	20
3 or 4 years .....	116	40	52	4	25	5	18
5 to 9 years .....	198	94	88	1	47	9	31
10 years or more .....	286	127	199	3	149	15	32
Average years on present farm .....	12.0	11.9	14.7	10.4	17.0	15.6	9.4
Not reported .....	161	50	217	4	184	4	25
Operators by age group:							
Under 25 years .....	24	4	8	-	8	-	-
25 to 34 years .....	75	30	64	-	52	2	10
35 to 44 years .....	250	95	136	3	95	5	33
45 to 54 years .....	218	96	149	2	94	11	42
55 to 59 years .....	80	47	83	2	62	3	16
60 to 64 years .....	69	39	77	1	62	5	9
65 to 69 years .....	49	24	36	2	22	4	8
70 years and over .....	98	28	45	2	31	4	8
Average age .....	49.8	50.7	50.7	58.8	50.3	55.4	50.0
Operators by sex:							
Male .....	(X)	341	527	11	365	28	123
Female .....	863	22	71	1	61	6	3
Operators of Spanish origin <sup>1</sup> .....	22	363	125	-	10	-	115
<b>1987 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS</b>							
Amount received from Commodity Credit Corporation loans .....	11	22	23	1	4	3	15
Government payments received .....	543	1 054	1 304	(D)	166	(D)	985
Government payments received .....	67	64	71	3	27	9	32
Government payments received .....	2 054	2 248	3 717	(D)	1 576	550	(D)

<sup>1</sup>See chapter 1, table 16 for operators not of or not reporting Spanish origin.

Table 18. Selected Characteristics of Farms by Standard Industrial Classification: 1987

[For meaning of abbreviations and symbols, see introductory text]

SIC code				Value of selected capital assets <sup>1</sup> , average per farm (dollars)		Market value of agricultural products sold (\$1,000)		
				Land and buildings	Machinery and equipment	Total	Crops, including nursery and greenhouse crops	Livestock, poultry, and their products
Total .....	7 669	36 287 794	865 817	1 317 765	55 702	1 628 544	896 681	731 863
Crops (01) .....	2 846	2 442 443	821 419	1 258 617	97 555	894 140	888 426	5 714
Cash grains (011) .....	71	31 518	13 714	1 169 611	64 963	4 323	4 283	40
Wheat (0111) .....	26	12 214	4 592	1 725 083	31 000	1 149	1 144	5
Rice (0112) .....	-	-	-	-	-	-	-	-
Corn (0115) .....	32	11 718	5 847	773 857	105 571	2 219	2 184	35
Soybeans (0116) .....	-	-	-	-	-	-	-	-
Cash grains, n.e.c. (0119) .....	13	7 586	3 275	682 688	80 375	955	955	-
Field crops, except cash grains (013) .....	1 540	1 894 876	571 349	1 510 439	116 639	437 132	432 832	4 300
Cotton (0131) .....	1 016	1 393 091	458 120	1 731 423	146 584	376 736	373 552	3 183
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets (0133) .....	-	-	-	-	-	-	-	-
Irish potatoes (0134) .....	10	6 828	3 773	1 075 400	101 917	5 138	(D)	(D)
Field crops, except cash grains, n.e.c. (0139) .....	514	494 957	109 456	1 074 731	56 653	55 258	(D)	(D)
Vegetables and melons (016) .....	175	(D)	(D)	2 265 158	215 855	(D)	(D)	119
Fruits and tree nuts (017) .....	780	201 582	68 655	582 489	39 267	108 277	108 111	166
Berry crops (0171) .....	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Grapes (0172) .....	27	17 064	7 905	2 447 143	83 470	15 617	(D)	(D)
Tree nuts (0173) .....	135	108 064	14 636	480 012	35 615	14 262	14 210	52
Citrus fruits (0174) .....	424	60 041	40 299	652 592	45 709	75 362	75 303	59
Deciduous tree fruits (0175) .....	80	11 441	4 241	550 145	23 830	2 645	2 629	16
Fruits and tree nuts, n.e.c. (0179) .....	112	(D)	(D)	(D)	(D)	(D)	(D)	35
Horticultural specialties (018) .....	182	(D)	(D)	656 686	74 466	62 694	62 615	79
Ornamental floriculture and nursery products (0181) .....	177	40 065	9 744	656 686	74 466	62 653	(D)	(D)
Food crops grown under cover (0182) .....	5	(D)	(D)	-	-	41	(D)	(D)
General farms, primarily crop (019) .....	98	85 313	30 840	1 708 000	87 127	(D)	27 723	(D)
Livestock and animal specialties (02) .....	4 823	33 845 351	44 398	1 353 306	30 662	734 404	8 255	726 148
Livestock, except dairy, poultry, and animal specialties (021) .....	3 190	32 576 424	35 177	1 845 595	29 556	531 550	(D)	(D)
Beef cattle feedlots (0211) .....	168	563 777	3 920	620 007	131 252	319 187	1 258	317 930
Beef cattle, except feedlots (0212) .....	2 641	25 710 193	24 409	1 703 493	23 822	170 619	2 662	167 957
Hogs (0213) .....	112	13 007	1 355	125 479	37 601	26 767	572	26 195
Sheep and goats (0214) .....	217	633 967	2 587	399 050	13 864	7 232	(D)	(D)
General livestock, except dairy, poultry, and animal specialties (0219) .....	52	5 655 480	2 906	27 426 523	105 592	7 745	1 412	6 333
Dairy farms (024) .....	142	29 742	6 575	839 336	210 036	(D)	1 232	(D)
Poultry and eggs (025) .....	67	2 420	195	146 931	16 145	4 530	(D)	(D)
Broiler, fryer, and roaster chickens (0251) .....	1	(D)	-	(D)	(D)	(D)	-	(D)
Chicken eggs (0252) .....	59	2 358	(D)	150 090	19 137	4 032	16	4 015
Turkeys and turkey eggs (0253) .....	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Poultry hatcheries (0254) .....	-	-	-	-	-	-	-	-
Poultry and eggs, n.e.c. (0259) .....	6	(D)	16	(D)	(D)	(D)	(D)	(D)
Animal specialties (027) .....	1 351	155 987	1 533	281 281	16 747	11 796	67	11 730
Fur-bearing animals and rabbits (0271) .....	8	23	(D)	85 000	9 500	52	-	52
Horses and other equines (0272) .....	1 199	133 379	1 350	306 304	16 031	9 082	33	9 049
Animal aquaculture (0273) .....	7	8 562	(D)	200 000	14 000	353	(D)	(D)
Animal specialties, n.e.c. (0279) .....	137	14 023	134	86 857	23 576	2 309	(D)	(D)
General farms, primarily livestock and animal specialties (029) .....	73	1 080 778	918	1 567 172	17 244	(D)	641	(D)

<sup>1</sup>Data are based on a sample of farms

**Table 19. Selected Characteristics of Abnormal Farms: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	1987	1982	Characteristics	1987	1982
Farms ..... number ..	82	80	Market value of agricultural products sold ..... \$1,000..	62 189	39 465
Land in farms ..... acres ..	21 069 341	20 891 396	Average per farm ..... dollars..	758 397	493 312
Average size of farm ..... acres ..	256 943	261 142			
Value of land and buildings <sup>1</sup> ..... \$1,000..	3 635 159	3 474 238	Crops, including nursery and greenhouse crops ..... \$1,000..	32 203	17 439
Average per farm ..... dollars..	44 331 207	43 427 975	Livestock, poultry, and their products ..... \$1,000..	29 986	22 025
Average per acre ..... dollars..	173	166			
Estimated market value of all machinery and equipment <sup>1</sup> ..... \$1,000..	26 622	20 718	Total farm production expenses <sup>1</sup> ..... \$1,000..	40 436	(NA)
			Average per farm ..... dollars..	493 120	(NA)
Land in farms according to use:			Tenure of operator		
Total cropland ..... farms..	42	43	Full owners .....	74	72
Harvested cropland ..... acres..	88 092	58 929	Part owners .....	3	4
Cropland used only for pasture or grazing ..... farms..	41	41	Tenants .....	5	4
Other cropland ..... acres..	51 904	37 867			
	8	10	Abnormal farms by standard industrial classification:		
Total woodland ..... farms..	1 780	7 107	Cash grains (011) .....	-	1
Woodland pastured ..... acres..	27	(NA)	Field crops, except cash grains (013) .....	15	14
Woodland not pastured ..... farms..	34 408	13 955	Cotton (0131) .....	8	9
			Tobacco (0132) .....	-	-
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	26	27	Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	7	5
Land in house lots, ponds, roads, wasteland, etc. .... farms..	4 045 946	3 683 626			
Irrigated land ..... acres..	24	25	Vegetables and melons (016) .....	2	2
	3 797 208	3 532 488	Fruits and tree nuts (017) .....	1	2
	6	3	Horticultural specialties (018) .....	1	-
	248 738	151 138	General farms, primarily crop (019) .....	1	1
			Livestock, except dairy, poultry, and animal specialties (021) .....	52	51
			Beef cattle, except feedlots (0212) .....	44	39
			Dairy farms (024) .....	2	2
			Poultry and eggs (025) .....	1	-
			Animal specialties (027) .....	-	1
			General farms, primarily livestock and animal specialties (029) .....	7	6

<sup>1</sup>Data are based on a sample of farms.



**Table 20. Livestock and Poultry—Inventory and Sales: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Item		Inventory			Sales		
		Farms	Number	Value <sup>1</sup> (\$1,000)	Farms	Number	Value (\$1,000)
Livestock and poultry .....	1987..	5 250	(X)	657 293	4 494	(X)	731 863
	1982..	5 129	(X)	509 303	4 490	(X)	720 068
	1978..	4 202	(X)	530 682	3 963	(X)	654 031
Poultry .....	1987..	810	(X)	581	257	(X)	4 553
	1982..	1 223	(X)	805	430	(X)	5 235
	1978..	960	(X)	1 088	278	(X)	7 519
Livestock .....	1987..	5 212	(X)	656 712	4 435	(X)	727 310
	1982..	5 065	(X)	508 498	4 395	(X)	714 833
	1978..	4 136	(X)	529 594	3 909	(X)	646 513
Any cattle, hogs, or sheep .....	1987..	3 763	(X)	586 162	3 581	(X)	542 762
	1982..	4 090	(X)	484 820	3 722	(X)	543 822
	1978..	3 477	(X)	517 663	3 367	(X)	540 707
Cattle and calves .....	1987..	3 521	1 110 912	545 934	3 302	1 009 492	506 565
	1982..	3 792	1 139 377	446 058	3 346	1 020 088	502 402
	1978..	3 232	1 249 582	480 792	3 097	1 195 719	507 533
Cows and heifers that had calved .....	1987..	2 738	421 131	258 985	(NA)	(NA)	(NA)
	1982..	2 889	394 851	197 386	(NA)	(NA)	(NA)
	1978..	2 560	382 354	173 793	(NA)	(NA)	(NA)
Beef cows .....	1987..	2 497	334 851	164 077	(NA)	(NA)	(NA)
	1982..	2 523	313 040	103 303	(NA)	(NA)	(NA)
	1978..	2 204	312 849	125 140	(NA)	(NA)	(NA)
Milk cows .....	1987..	476	86 280	94 908	(NA)	(NA)	(NA)
	1982..	730	81 811	94 083	(NA)	(NA)	(NA)
	1978..	726	69 505	48 654	(NA)	(NA)	(NA)
Hogs and pigs .....	1987..	331	135 414	12 661	242	237 623	26 953
	1982..	543	160 816	16 484	379	261 054	29 478
	1978..	524	155 734	11 135	371	187 832	18 399
Feeder pigs sold .....	1987..	(X)	(X)	(X)	46	24 744	1 154
	1982..	(X)	(X)	(X)	135	24 801	1 011
	1978..	(X)	(X)	(X)	115	14 145	516
Sheep and lambs <sup>2</sup> .....	1987..	456	301 279	27 567	395	116 165	9 245
	1982..	479	345 406	22 279	389	206 309	11 942
	1978..	312	447 586	25 736	259	281 028	14 775
Horses and ponies .....	1987..	3 566	70 550	70 550	1 088	8 777	10 771
	1982..	3 125	39 464	23 678	936	5 941	14 847
	1978..	2 477	39 770	11 931	789	5 018	9 518
Chickens 3 months old or older <sup>3</sup> .....	1987..	741	331 462	530	70	325 609	(NA)
	1982..	1 135	505 543	760	121	336 863	(NA)
	1978..	887	627 587	1 003	97	442 559	(NA)
Hens and pullets of laying age .....	1987..	734	329 318	527	69	324 764	(NA)
	1982..	1 122	500 547	751	117	336 273	(NA)
	1978..	870	624 099	999	93	442 194	(NA)
Broilers and other meat-type chickens .....	1987..	92	(D)	46	23	(D)	(NA)
	1982..	178	61 546	37	38	(D)	(NA)
	1978..	161	103 538	78	25	(D)	(NA)
Turkeys .....	1987..	96	629	4	19	(D)	(NA)
	1982..	178	1 193	8	50	8 914	(NA)
	1978..	119	794	7	34	(D)	(NA)

<sup>1</sup>Data are estimated, see text

<sup>2</sup>Value of sales includes sheep, lambs, and wool sold

<sup>3</sup>Sales for 1987 include pullets of less than 3 months old

**Table 21. Poultry—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982		Item	1987		1982	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
<b>INVENTORY</b>					<b>SALES</b>				
Chickens 3 months old or older .....	741	331 462	1 135	505 543	Hens and pullets <sup>1</sup> .....	70	325 609	121	336 863
Farms with—					Farms with—				
1 to 3,199 .....	738	23 877	1 130	(D)	1 to 3,199 .....	65	(D)	117	(D)
3,200 to 9,999 .....	-	-	1	(D)	3,200 to 9,999 .....	1	(D)	-	-
10,000 or more .....	3	307 585	4	464 931	10,000 or more .....	4	315 576	4	(D)
Hens and pullets of laying age .....	734	329 318	1 122	500 547	Hens and pullets of laying age .....	69	324 764	117	336 273
Farms with—					Farms with—				
1 to 99 .....	693	12 722	1 070	(D)	1 to 99 .....	58	1 080	91	1 791
100 to 399 .....	36	5 211	43	6 505	100 to 399 .....	4	650	19	2 792
400 to 3,199 .....	2	(D)	4	2 900	400 to 3,199 .....	2	(D)	3	(D)
3,200 to 9,999 .....	-	-	1	(D)	3,200 to 9,999 .....	1	(D)	-	-
10,000 to 19,999 .....	-	-	-	-	10,000 to 19,999 .....	1	(D)	-	-
20,000 to 49,999 .....	1	(D)	1	(D)	20,000 to 49,999 .....	1	(D)	2	(D)
50,000 to 99,999 .....	1	(D)	1	(D)	50,000 to 99,999 .....	1	(D)	-	-
100,000 or more .....	1	(D)	2	(D)	100,000 or more .....	1	(D)	2	(D)
Broilers and other meat-type chickens ..	92	(D)	178	61 546	Broilers and other meat-type chickens ..	23	(D)	38	(D)
Turkeys .....	96	629	178	1 193	Turkeys .....	19	(D)	50	8 914
For slaughter .....	78	447	133	955	For slaughter .....	16	(D)	46	8 906
Hens kept for breeding .....	31	182	71	238	Hens kept for breeding .....	4	13	4	8
Ducks, geese, and other poultry .....	215	(X)	321	(X)	Ducks, geese, and other poultry .....	40	(X)	66	(X)

<sup>1</sup>Sales for 1987 include pullets of less than 3 months old

**Table 22. Broilers and Started Pullets—Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Number sold	Broilers and other meat-type chickens				Pullets not of laying age		Pullets 3 months old or older not of laying age	
	1987		1982		1987		1982	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
<b>Total</b> .....	<b>23</b>	<b>(D)</b>	<b>38</b>	<b>(D)</b>	<b>16</b>	<b>845</b>	<b>10</b>	<b>590</b>
Farms with—								
1 to 1,999 .....	21	921	35	900	16	845	10	590
2,000 to 15,999 .....	-	-	1	(D)	-	-	-	-
16,000 to 29,999 .....	-	-	1	(D)	-	-	-	-
30,000 to 59,999 .....	1	(D)	-	-	-	-	-	-
60,000 to 99,999 .....	-	-	-	-	-	-	-	-
100,000 to 199,999 .....	-	-	-	-	-	-	-	-
200,000 to 499,999 .....	1	(D)	1	(D)	-	-	-	-
200,000 to 299,999 .....	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
300,000 to 499,999 .....	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500,000 or more .....	-	-	-	-	-	-	-	-

**Table 23. Poultry—Inventory and Sales by Size of Flock: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Chickens 3 months old or older	Inventory									
	Chickens 3 months old or older						Pullet chicks and pullets under 3 months old		Broilers and other meat-type chickens	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory -----	741	331 462	734	329 318	146	2 144	71	(D)	82	(D)
Farms with—										
1 to 99 -----	696	13 763	689	12 469	128	1 294	64	1 655	72	1 544
100 to 399 -----	40	(D)	40	5 464	18	850	7	(D)	9	601
400 to 1,599 -----	-	-	-	-	-	-	-	-	-	-
1,600 to 3,199 -----	2	(D)	2	(D)	-	-	-	-	1	(D)
3,200 to 9,999 -----	-	-	-	-	-	-	-	-	-	-
10,000 to 19,999 -----	-	-	-	-	-	-	-	-	-	-
20,000 to 49,999 -----	1	(D)	1	(D)	-	-	-	-	-	-
50,000 to 99,999 -----	1	(D)	1	(D)	-	-	-	-	-	-
100,000 or more -----	1	(D)	1	(D)	-	-	-	-	-	-
No inventory -----	(X)	(X)	(X)	(X)	(X)	(X)	2	(D)	10	(D)
Chickens 3 months old or older	Sales									
	Hens and pullets						Broilers and other meat-type chickens		Poultry and poultry products	
	Total		Hens and pullets of laying age		Pullets not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value (\$1,000)
Total inventory -----	59	296 320	58	295 475	16	845	19	(D)	227	3 787
Farms with—										
1 to 99 -----	42	1 494	41	919	12	575	14	283	183	37
100 to 399 -----	12	950	12	680	4	270	5	600	39	64
400 to 1,599 -----	-	-	-	-	-	-	-	-	-	-
1,600 to 3,199 -----	2	(D)	2	(D)	-	-	-	-	2	(D)
3,200 to 9,999 -----	-	-	-	-	-	-	-	-	-	-
10,000 to 19,999 -----	-	-	-	-	-	-	-	-	-	-
20,000 to 49,999 -----	1	(D)	1	(D)	-	-	-	-	1	(D)
50,000 to 99,999 -----	1	(D)	1	(D)	-	-	-	-	1	(D)
100,000 or more -----	1	(D)	1	(D)	-	-	-	-	1	(D)
No inventory -----	11	29 289	11	29 289	-	-	4	(D)	30	766

**Table 24. Turkeys—Sales by Number Sold Per Farm: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Turkeys	Total		Sales for slaughter		Sales of hens kept for breeding	
	Farms	Number	Farms	Number	Farms	Number
Total sold.....	19	(D)	16	(D)	4	13
Farms with—						
1 to 1,999.....	18	116	15	103	4	13
2,000 to 7,999.....	-	-	-	-	-	-
8,000 to 15,999.....	1	(D)	1	(D)	-	-
16,000 to 29,999.....	-	-	-	-	-	-
30,000 to 59,999.....	-	-	-	-	-	-
60,000 to 99,999.....	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-

**Table 25. Cattle and Calves—Inventory: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
Cattle and calves.....	3 521	1 110 912	3 792	1 139 377
Farms with—				
1 to 9.....	986	4 467	1 204	5 558
10 to 19.....	495	6 631	537	7 236
20 to 49.....	603	18 582	613	18 837
50 to 99.....	367	25 070	326	22 392
100 to 199.....	296	40 751	320	44 210
200 to 499.....	396	123 462	367	116 107
500 to 999.....	190	130 886	222	151 407
1,000 to 2,499.....	130	196 186	143	203 198
2,500 or more.....	58	564 877	60	570 432
Cows and heifers that had calved.....	2 738	421 131	2 889	394 851
Farms with—				
1 to 9.....	861	3 314	1 141	3 910
10 to 19.....	335	4 483	294	3 874
20 to 49.....	460	14 527	398	11 979
50 to 99.....	248	17 005	250	17 297
100 to 199.....	285	39 612	268	36 478
200 to 499.....	331	102 136	323	98 618
500 to 999.....	138	92 986	146	96 133
1,000 or more.....	80	147 068	69	126 562
Beef cows.....	2 497	334 851	2 523	313 040
Farms with—				
1 to 9.....	759	3 087	936	3 318
10 to 19.....	327	4 360	289	3 779
20 to 49.....	453	14 226	388	11 592
50 to 99.....	245	16 741	241	16 662
100 to 199.....	275	38 172	252	34 382
200 to 499.....	287	87 369	266	80 503
500 to 999.....	95	64 361	101	65 231
1,000 or more.....	56	106 535	50	96 575
Milk cows.....	476	86 280	730	81 811
Farms with—				
1 to 4.....	305	458	528	826
5 to 9.....	27	159	30	177
10 to 29.....	12	171	14	186
30 to 49.....	5	165	7	279
50 to 99.....	4	305	13	838
100 to 199.....	12	1 709	17	2 158
200 to 499.....	44	14 683	60	19 324
500 or more.....	67	68 630	61	58 023
Heifers and heifer calves.....	2 540	160 302	2 819	175 230
Steers, steer calves, bulls, and bull calves.....	2 903	529 479	3 318	569 296

**Table 26. Cattle and Calves—Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Cattle and calves sold .....	3 302	1 009 492	506 565	3 346	1 020 088	502 402
Farms with—						
1 to 9 .....	1 115	4 922	1 749	1 246	5 120	1 657
10 to 19 .....	486	6 467	2 272	438	5 856	1 729
20 to 49 .....	542	16 353	5 607	504	15 538	4 655
50 to 99 .....	317	22 453	7 703	364	25 537	7 873
100 to 199 .....	314	43 296	15 334	278	38 533	12 190
200 to 499 .....	301	92 924	32 714	310	96 761	31 948
500 to 999 .....	115	75 644	27 467	109	75 911	29 695
1,000 to 2,499 .....	77	116 004	43 879	63	90 385	34 098
2,500 or more .....	35	631 429	369 840	34	666 447	378 557
Cattle sold .....	2 587	791 332	451 880	2 606	877 595	472 946
Farms with—						
1 to 9 .....	1 136	4 437	1 856	1 198	4 357	1 756
10 to 19 .....	370	4 868	2 055	339	4 501	1 715
20 to 49 .....	371	10 921	4 511	376	11 681	4 482
50 to 99 .....	208	14 545	6 380	193	13 320	5 386
100 to 199 .....	182	24 730	11 090	180	24 432	9 899
200 to 499 .....	184	55 815	25 067	173	52 140	22 494
500 to 999 .....	57	35 804	17 285	71	48 146	23 123
1,000 or more .....	79	640 212	383 636	76	719 018	404 092
Cattle fattened on grain and concentrates sold .....	314	508 829	330 168	489	633 389	371 528
Farms with—						
1 to 9 .....	206	558	318	347	974	492
10 to 19 .....	22	295	166	33	432	195
20 to 49 .....	12	421	235	26	833	407
50 to 99 .....	16	1 148	612	14	1 040	585
100 to 199 .....	14	2 092	1 409	14	1 955	1 093
200 to 499 .....	8	2 551	1 356	14	4 481	2 520
500 to 999 .....	10	7 097	4 317	13	9 218	5 768
1,000 to 2,499 .....	8	14 008	8 673	7	8 266	4 588
2,500 or more .....	18	480 659	313 083	21	606 190	355 880
Calves sold .....	2 252	218 160	54 685	2 124	142 493	29 456
Farms with—						
1 to 9 .....	898	3 606	976	856	3 351	707
10 to 19 .....	327	4 390	1 225	311	3 990	936
20 to 49 .....	370	11 004	3 059	318	9 432	2 042
50 to 99 .....	216	15 036	4 134	267	18 076	4 248
100 to 199 .....	209	27 852	7 656	175	23 637	5 149
200 to 499 .....	161	47 022	10 634	156	46 653	9 684
500 or more .....	71	109 250	27 001	41	37 354	6 689

**Table 27. Cattle and Calves—Inventory and Sales by Size of Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Cattle and calves	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves		Farms	Number	Value (\$1,000)
	Farms	Number	Farms	Number	Farms	Number	Farms	Number			
Total inventory .....	3 521	1 110 912	2 738	421 131	2 540	160 302	2 903	529 479	3 125	961 166	479 076
Farms with—											
1 to 9 .....	986	4 467	561	1 725	562	1 167	665	1 575	590	4 034	1 346
10 to 19 .....	495	6 631	358	2 856	359	1 661	422	2 114	495	4 746	1 538
20 to 49 .....	603	18 582	502	9 811	480	4 357	526	4 414	603	11 354	3 795
50 to 99 .....	367	25 070	336	14 909	290	5 033	333	5 128	367	15 406	5 623
100 to 199 .....	296	40 751	274	26 895	213	6 283	259	7 573	296	27 070	9 757
200 to 499 .....	396	123 462	367	81 368	311	20 112	344	21 982	396	79 481	28 394
500 to 999 .....	190	130 886	177	80 755	163	27 152	175	22 979	190	82 483	25 913
1,000 to 2,499 .....	130	196 186	119	104 766	113	45 534	122	45 886	130	105 449	40 030
2,500 or more .....	58	564 877	44	98 046	49	49 003	57	417 828	58	631 143	362 680
No inventory .....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	177	48 326	27 488

**Table 28. Cattle and Calves—Inventory and Sales by Size of Cow Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Cows and heifers that had calved	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)
Total inventory -----	2 738	703 155	2 738	421 131	2 008	142 690	2 219	139 334	2 534	447 439	166 271
Farms with--											
1 to 4 -----	541	4 334	541	1 217	353	1 711	382	1 406	354	3 235	1 189
5 to 9 -----	320	4 328	320	2 097	204	1 169	230	1 062	303	2 981	1 000
10 to 19 -----	335	8 066	335	4 483	239	1 875	265	1 708	335	4 705	1 643
20 to 29 -----	202	7 848	202	4 744	155	1 492	176	1 612	202	4 043	1 626
30 to 49 -----	258	38 605	258	9 783	192	3 312	218	25 510	258	78 058	34 802
50 to 99 -----	248	27 776	248	17 005	194	4 790	216	5 981	248	15 329	5 511
100 to 199 -----	285	60 489	285	39 612	221	9 082	252	11 795	285	36 280	13 133
200 to 499 -----	331	157 693	331	102 136	258	27 903	284	27 654	331	93 318	32 174
500 to 999 -----	138	154 312	138	92 986	120	36 532	123	24 794	138	84 839	31 412
1,000 or more -----	80	239 704	80	147 068	72	54 824	73	37 812	80	124 651	43 780
No inventory -----	783	407 757	(X)	(X)	532	17 612	684	390 145	768	562 053	340 294

**Table 29. Cattle and Calves—Inventory and Sales by Size of Beef Cow Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Beef cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Beef cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory .....	2 497	581 630	2 497	341 156	2 497	334 851	1 842	107 861	2 042	132 613
Farms with—										
1 to 4 .....	462	3 505	462	1 245	462	1 106	299	1 065	324	1 195
5 to 9 .....	297	4 122	297	2 060	297	1 981	192	1 008	215	1 054
10 to 19 .....	327	8 131	327	4 812	327	4 360	233	1 832	260	1 487
20 to 29 .....	202	11 240	202	6 961	202	4 730	156	2 200	175	2 079
30 to 49 .....	251	39 365	251	10 226	251	9 496	187	3 680	213	25 459
50 to 99 .....	245	27 599	245	17 146	245	16 741	192	4 507	214	5 946
100 to 199 .....	275	61 921	275	39 771	275	38 172	217	10 307	246	11 843
200 to 499 .....	287	139 204	287	87 971	287	87 369	229	23 790	254	27 443
500 to 999 .....	95	111 249	95	64 413	95	64 361	86	23 500	87	23 336
1,000 or more .....	56	175 294	56	106 551	56	106 535	51	35 972	54	32 771
No inventory .....	1 024	529 282	241	79 975	(X)	(X)	698	52 441	861	396 866

Beef cows	Cattle and calves sales											
	Total			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total inventory .....	2 326	386 142	150 562	1 854	223 422	101 181	160	30 272	19 502	1 666	162 720	49 380
Farms with—												
1 to 4 .....	305	2 601	930	226	1 530	678	53	193	115	182	1 071	251
5 to 9 .....	283	2 352	789	214	1 200	491	25	196	98	197	1 152	298
10 to 19 .....	327	4 785	1 630	241	2 491	1 041	25	109	65	225	2 294	590
20 to 29 .....	202	5 893	1 948	154	2 648	1 376	8	503	360	151	3 245	572
30 to 49 .....	251	78 322	34 825	204	36 103	20 319	12	19 626	12 735	205	42 219	14 506
50 to 99 .....	245	15 202	5 478	208	8 390	3 499	13	397	207	180	6 812	1 980
100 to 199 .....	275	35 924	13 354	221	19 603	8 429	4	152	86	216	16 321	4 925
200 to 499 .....	287	83 597	30 134	247	(D)	(D)	12	1 800	1 135	217	(D)	(D)
500 to 999 .....	95	63 549	26 132	86	(D)	(D)	6	(D)	(D)	58	(D)	(D)
1,000 or more .....	56	93 917	35 341	53	61 324	26 073	2	(D)	(D)	35	32 593	9 268
No inventory .....	976	623 350	356 003	733	567 910	350 699	154	478 557	310 666	586	55 440	5 305

**Table 30. Cattle and Calves—Inventory and Sales by Size of Milk Cow Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Milk cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Milk cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory -----	476	177 137	476	113 591	476	86 280	347	45 759	369	17 787
Farms with—										
1 to 4 -----	305	37 736	305	22 058	305	458	222	7 076	239	8 602
5 to 9 -----	27	5 909	27	3 275	27	159	19	1 377	21	1 257
10 to 19 -----	10	(D)	10	(D)	10	121	8	(D)	9	796
20 to 29 -----	2	(D)	2	(D)	2	(D)	2	(D)	2	(D)
30 to 49 -----	5	257	5	165	5	(D)	3	57	3	35
50 to 99 -----	4	642	4	307	4	305	3	(D)	2	(D)
100 to 199 -----	12	2 085	12	1 709	12	1 709	6	291	8	85
200 to 499 -----	44	19 386	44	14 777	44	14 683	29	4 146	30	463
500 or more -----	67	107 473	67	69 090	67	68 630	55	31 884	55	6 499
No inventory -----	3 045	933 775	2 262	307 540	(X)	(X)	2 193	114 543	2 534	511 692

Milk cows	Cattle and calves sales								Dairy product sales	
	Total			Cattle		Calves				
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number	Farms	Value (\$1,000)	
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number	Farms	Value (\$1,000)	
Total inventory -----	423	93 152	27 367	345	43 538	332	49 614	161	167 843	
Farms with—										
1 to 4 -----	252	23 824	8 909	200	14 091	187	9 733	20	13	
5 to 9 -----	27	3 711	1 345	21	2 281	21	1 430	1	(D)	
10 to 19 -----	10	(D)	(D)	9	(D)	6	(D)	6	90	
20 to 29 -----	2	(D)	(D)	1	(D)	2	(D)	2	(D)	
30 to 49 -----	5	135	46	4	83	3	52	5	215	
50 to 99 -----	4	201	48	4	61	4	140	4	504	
100 to 199 -----	12	1 046	163	8	234	11	812	12	2 843	
200 to 499 -----	44	10 231	2 189	40	3 576	39	6 655	44	26 525	
500 or more -----	67	52 024	13 720	58	21 395	59	30 629	67	137 579	
No inventory -----	2 879	916 340	479 197	2 242	747 794	1 920	168 546	8	557	

**Table 31. Cattle and Calves—Sales by Number Sold Per Farm: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Cattle and calves	Cattle and calves			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total sold .....	3 302	1 009 492	506 565	2 587	791 332	451 880	314	508 829	330 168	2 252	218 160	54 685
Farms with—												
1 to 4 .....	618	1 568	602	423	907	430	102	210	128	315	661	172
5 to 9 .....	497	3 354	1 146	367	1 752	716	45	135	74	333	1 602	430
10 to 19 .....	486	6 467	2 272	369	3 206	1 390	50	301	182	350	3 261	882
20 to 49 .....	542	16 353	5 607	432	7 715	3 218	26	337	172	417	8 638	2 389
50 to 99 .....	317	22 453	7 703	255	10 148	4 237	20	994	562	250	12 305	3 466
100 to 199 .....	314	43 296	15 334	267	21 451	9 380	17	1 686	1 209	232	21 845	5 953
200 to 499 .....	301	92 924	32 714	259	49 949	21 896	12	2 311	1 177	221	42 975	10 819
500 to 999 .....	115	75 644	27 467	108	43 020	20 727	12	6 358	3 907	81	32 624	6 739
1,000 or more .....	112	747 433	413 719	107	653 184	389 885	30	496 497	322 758	53	94 249	23 834

**Table 32. Hogs and Pigs—Inventory: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number		Farms	Number	
Total hogs and pigs .....	331	135 414		543	160 816	
Farms with—						
1 to 24 .....	266	1 356		421	2 072	
25 to 49 .....	17	559		39	1 301	
50 to 99 .....	7	411		10	732	
100 to 199 .....	7	952		17	2 416	
200 to 499 .....	9	3 036		16	5 516	
500 to 999 .....	4	2 502		10	7 531	
1,000 to 1,999 .....	6	7 085		11	16 098	
2,000 to 4,999 .....	10	32 142		15	47 276	
5,000 or more .....	5	87 371		4	77 874	
Hogs and pigs used or to be used for breeding .....	140	14 863		273	19 705	
Farms with—						
1 to 24 .....	106	450		212	781	
25 to 49 .....	6	180		15	524	
50 to 99 .....	6	414		10	686	
100 to 199 .....	4	656		9	1 081	
200 or more .....	18	13 163		27	16 623	
Other hogs and pigs .....	312	120 551		508	141 111	

Table 33. **Hogs and Pigs—Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total hogs and pigs sold .....	242	237 623	26 953	379	261 054	29 478
Farms with—						
1 to 24 .....	154	876	103	247	1 842	174
25 to 49 .....	23	749	80	37	1 287	126
50 to 99 .....	15	1 005	86	22	1 354	101
100 to 199 .....	6	895	91	8	1 163	136
200 to 499 .....	10	2 996	339	11	3 432	333
500 to 999 .....	5	3 800	470	11	7 741	873
1,000 to 1,999 .....	6	9 043	899	15	22 186	2 205
2,000 to 4,999 .....	12	39 559	3 614	16	52 428	4 822
5,000 or more .....	11	178 700	21 272	12	169 621	20 708
Feeder pigs sold .....	46	24 744	1 154	135	24 801	1 011
Farms with—						
1 to 9 .....	11	62	3	51	235	10
10 to 49 .....	18	437	15	52	1 009	34
50 to 99 .....	8	507	18	10	596	24
100 to 199 .....	3	446	20	6	902	43
200 to 499 .....	-	-	-	6	(D)	(D)
500 to 999 .....	-	-	-	2	(D)	(D)
1,000 or more .....	6	23 292	1 099	8	19 215	769
Other hogs and pigs sold .....	221	212 879	25 799	335	236 253	28 467
Farms with—						
1 to 24 .....	148	770	103	(NA)	(NA)	(NA)
25 to 49 .....	22	762	109	(NA)	(NA)	(NA)
50 to 99 .....	8	509	59	(NA)	(NA)	(NA)
100 to 199 .....	4	634	75	(NA)	(NA)	(NA)
200 to 499 .....	10	3 066	360	(NA)	(NA)	(NA)
500 to 999 .....	5	3 601	458	(NA)	(NA)	(NA)
1,000 to 1,999 .....	5	7 151	822	(NA)	(NA)	(NA)
2,000 to 4,999 .....	8	24 158	2 850	(NA)	(NA)	(NA)
5,000 or more .....	11	172 228	20 963	(NA)	(NA)	(NA)

Table 34. **Hogs and Pigs—Litters Farrowed: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Litters	1987		1982	
	Farms	Number of litters	Farms	Number of litters
Litters farrowed between Dec. 1 of preceding year and Nov. 30 .....	146	29 211	294	33 141
Farms with—				
1 to 9 .....	97	259	220	584
10 to 19 .....	10	125	11	136
20 to 49 .....	9	258	15	475
50 to 99 .....	5	346	9	672
100 to 199 .....	4	537	9	1 453
200 to 499 .....	7	2 440	14	4 993
500 or more .....	14	25 246	16	24 828
Dec. 1 of preceding year and May 31 .....	134	15 167	256	16 223
June 1 and Nov. 30 .....	108	14 044	206	16 918

Table 35. **Hogs and Pigs—Inventory and Sales by Size of Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total inventory .....	331	135 414	140	14 863	312	120 551	222	216 766	24 169	43	18 248	845
Farms with—												
1 to 9 .....	222	720	56	140	205	580	114	788	86	11	142	5
10 to 24 .....	44	636	31	119	43	517	44	1 865	182	15	455	16
25 to 99 .....	24	970	17	221	23	749	24	1 908	188	8	588	24
100 to 199 .....	7	952	7	172	7	780	7	1 904	214	2	(D)	(D)
200 to 499 .....	9	3 036	7	392	9	2 644	9	6 405	723	2	(D)	(D)
500 to 999 .....	4	2 502	3	756	4	1 746	3	8 496	399	3	8 462	395
1,000 or more .....	21	126 598	19	13 063	21	113 535	21	195 400	22 378	2	(D)	(D)
No inventory .....	(X)	(X)	(X)	(X)	(X)	(X)	20	20 857	2 784	3	6 496	309

**Table 36. Hogs and Pigs—Inventory and Sales by Number Sold Per Farm: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total sold.....	222	134 548	116	14 826	210	119 722	242	237 623	26 953	46	24 744	1 154
Farms with—												
1 to 9.....	112	592	28	84	110	508	124	409	53	10	56	2
10 to 49.....	49	786	35	130	43	656	53	1 216	131	14	292	10
50 to 99.....	15	648	13	136	12	512	15	1 005	86	9	495	17
100 to 199.....	6	583	5	129	6	454	6	895	91	3	173	5
200 to 499.....	10	1 535	9	(D)	10	(D)	10	2 996	339	3	(D)	(D)
500 to 999.....	3	727	3	(D)	2	(D)	5	3 800	470	1	(D)	(D)
1,000 or more.....	27	129 677	23	13 904	27	115 773	29	227 302	25 785	6	23 292	1 099
None sold.....	109	866	24	37	102	829	(X)	(X)	(X)	(X)	(X)	(X)

**Table 37. Hogs and Pigs—Inventory, Sales, and Litters by Total Litters Farrowed: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Litters farrowed	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total litters farrowed.....	142	127 571	139	(D)	123	(D)	122	219 533	24 918	46	24 744	1 154
Farms with—												
1.....	28	168	27	41	25	127	11	63	7	2	(D)	(D)
2 to 4.....	56	619	54	157	45	462	51	1 523	159	19	237	8
5 to 9.....	11	407	11	102	9	305	11	457	43	3	117	4
10 to 19.....	10	372	10	87	8	285	10	745	65	8	432	15
20 to 49.....	9	1 367	9	240	9	1 127	9	2 152	228	5	360	12
50 to 99.....	4	696	4	198	3	498	5	3 956	476	2	(D)	(D)
100 to 199.....	4	2 132	4	344	4	1 788	4	3 498	397	1	(D)	(D)
200 or more.....	20	121 810	20	13 264	20	108 546	21	207 139	23 544	6	23 292	1 099
No litters farrowed.....	189	7 843	1	(D)	189	(D)	120	18 090	2 035	-	-	-
Litters farrowed between Dec. 1, 1986, and Nov. 30, 1987												
Litters farrowed	Total		Dec. 1, 1986, and May 31, 1987				June 1, 1987, and Nov. 30, 1987					
	Farms	Litters	Farms	Litters	Farms	Litters	Farms	Litters	Farms	Litters	Farms	Litters
Total litters farrowed.....	146	29 211		134		15 167	108				14 044	
Farms with—												
1.....	28	28		24		24	4				4	
2 to 4.....	58	153		51		81	46				72	
5 to 9.....	11	78		10		37	11				41	
10 to 19.....	10	125		10		61	10				64	
20 to 49.....	9	258		9		148	8				110	
50 to 99.....	5	346		5		218	4				128	
100 to 199.....	4	537		4		261	4				278	
200 or more.....	21	27 686		21		14 337	21				13 349	

**Table 38. Sheep and Lambs—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
Sheep and lambs inventory.....	456	301 279	479	345 406
Farms with—				
1 to 24.....	257	2 183	287	2 316
25 to 99.....	132	6 269	111	5 046
100 to 299.....	23	3 464	29	4 720
300 to 999.....	8	3 582	7	4 353
1,000 to 2,499.....	9	15 452	13	18 369
2,500 or more.....	27	270 329	32	310 602
Ewes 1 year old or older.....	381	164 290	381	172 002
Sheep and lambs shorn.....	339	228 471	328	246 267
Pounds of wool.....	(X)	1 931 271	(X)	1 826 978
Sheep and lambs sold.....	395	116 165	389	206 309
Value of sales from sheep, lambs, and wool (\$1,000).....	422	9 245	409	11 942



**Table 39. Sheep and Lambs—Inventory and Sales by Size of Flock: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Sheep and lambs	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value (\$1,000)
Total inventory -----	456	301 279	381	164 290	328	228 281	1 930 005	367	113 797	394	9 086
Farms with—											
1 to 24 -----	257	2 183	200	1 160	146	1 384	9 475	169	1 268	195	78
25 to 99 -----	132	6 269	123	3 229	124	4 757	33 722	132	3 592	132	207
100 to 299 -----	23	3 464	19	1 558	19	2 151	13 089	23	2 085	23	126
300 to 999 -----	8	3 582	7	1 745	7	2 967	23 483	8	1 747	8	102
1,000 to 2,499 -----	9	15 452	8	8 242	8	11 062	68 331	8	13 267	9	948
2,500 to 4,999 -----	10	31 101	7	14 599	7	16 068	157 079	10	25 146	10	2 074
5,000 or more -----	17	239 228	17	133 757	17	189 892	1 624 826	17	66 692	17	5 551
No inventory -----	(X)	(X)	(X)	(X)	11	190	1 266	28	2 368	28	159

**Table 40. Sheep and Lambs—Inventory and Sales by Size of Ewe Flock: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Ewes 1 year old or older	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value (\$1,000)
Total inventory .....	381	289 507	381	164 290	309	228 201	1 929 510	320	102 166	340	8 260
Farms with—											
1 to 24 .....	270	4 850	270	2 220	198	3 435	23 942	210	2 631	229	159
25 to 99 .....	63	4 288	63	2 623	63	3 722	26 389	63	2 125	63	124
100 to 199 .....	13	2 998	13	1 662	13	2 692	17 655	13	1 385	13	83
200 to 499 .....	5	6 710	5	1 357	5	1 805	12 801	5	(D)	5	364
500 to 999 .....	3	3 660	3	2 285	3	1 835	9 879	2	(D)	3	136
1,000 to 2,499 .....	10	34 815	10	18 654	10	30 058	237 932	10	21 907	10	1 851
2,500 to 4,999 .....	5	29 423	5	18 203	5	21 560	176 770	5	22 403	5	1 874
5,000 or more .....	12	202 763	12	117 286	12	163 094	1 424 142	12	44 765	12	3 670
No inventory .....	75	11 772	(X)	(X)	30	270	1 761	75	13 999	82	985

**Table 41. Other Livestock and Livestock Products—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Inventory		Sales	
	1987	1982	1987	1982
Horses and ponies ----- farms..	3 566	3 125	1 088	936
number..	70 550	39 464	8 777	5 941
\$1,000..	(X)	(X)	10 771	14 847
Mules, burros, and donkeys ----- farms..	256	103	24	21
number..	926	476	128	59
\$1,000..	(X)	(X)	28	29
Colonies of bees ----- farms..	270	330	12	20
number..	55 189	49 877	4 246	1 354
Honey sold ----- farms..	(X)	(X)	158	141
pounds..	(X)	(X)	3 363 396	3 182 387
Bees and honey sold ----- farms..	(X)	(X)	159	(NA)
\$1,000..	(X)	(X)	1 832	1 725
Goats ----- farms..	371	421	159	158
number..	116 899	98 687	26 363	22 398
Angora goats ----- farms..	80	58	36	24
number..	109 529	94 735	23 054	19 618
Mohair sold ----- farms..	(X)	(X)	75	54
pounds..	(X)	(X)	565 764	416 568
Angora goats and mohair sold ----- farms..	(X)	(X)	79	(NA)
\$1,000..	(X)	(X)	2 225	1 287
Milk goats ----- farms..	178	296	74	107
number..	2 974	2 561	1 533	1 074
Goats milk sold ----- farms..	(X)	(X)	35	31
gallons..	(X)	(X)	67 290	44 018
Milk goats and goats milk sold ----- farms..	(X)	(X)	88	(NA)
\$1,000..	(X)	(X)	179	205
Other goats ----- farms..	174	111	76	39
number..	4 396	1 391	1 776	1 706
\$1,000..	(X)	(X)	68	53
Mink and their pelts ----- farms..	-	-	-	-
number..	-	-	-	-
\$1,000..	(X)	(X)	-	-
Rabbits and their pelts ----- farms..	83	101	36	67
number..	3 486	5 542	10 940	7 387
\$1,000..	(X)	(X)	56	56
Fish and other aquaculture products sold ----- farms..	(X)	(X)	12	9
\$1,000..	(X)	(X)	333	155
Other livestock and livestock products ----- farms..	30	(NA)	29	(NA)
\$1,000..	(X)	(X)	655	(D)

Table 42. **Crops Harvested and Value of Production: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987				1982			
	Farms	Acres	Quantity	Value of production <sup>1</sup> (\$1,000)	Farms	Acres	Quantity	Value of production <sup>1</sup> (\$1,000)
Harvested cropland .....	3 646	865 817	(X)	952 258	3 838	1 047 213	(X)	812 586
Corn for grain or seed (bushels) .....	166	12 794	1 530 568	3 520	149	13 414	1 498 482	4 795
Corn for silage or green chop or cut for dry fodder, hogged or grazed .....	122	8 826	(X)	3 053	135	8 653	(X)	3 615
Sorghum for grain or seed (bushels) .....	39	3 242	249 319	573	125	11 570	833 036	2 474
Sorghum for silage or green chop, cut for dry forage or hay, or hogged or grazed .....	10	776	(X)	138	71	4 851	(X)	1 571
Wheat for grain (bushels) .....	443	97 407	7 991 708	23 975	539	133 681	11 891 456	42 452
Barley for grain (bushels) .....	168	14 654	1 365 067	3 003	290	35 502	3 328 880	9 487
Oats for grain (bushels) .....	39	2 390	165 428	281	55	5 068	492 420	640
Rye for grain (bushels) .....	-	-	-	-	-	-	-	-
Rice (cwt) .....	-	-	-	-	-	-	-	-
Flaxseed (bushels) .....	-	-	-	-	-	-	-	-
Sunflower seed (pounds) .....	-	-	-	-	-	-	-	-
Soybeans for beans (bushels) .....	-	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt) .....	12	1 198	35 420	492	40	2 220	22 986	406
Peanuts for nuts (pounds) .....	7	641	1 621 000	503	8	575	1 324 433	331
Cotton (bales) .....	1 199	381 733	1 005 493	402 200	1 177	518 488	1 155 883	336 367
Tobacco (pounds) .....	-	-	-	-	-	-	-	-
Irish potatoes (cwt) .....	28	3 618	927 389	9 738	27	3 799	1 208 966	7 919
Sweetpotatoes (bushels) .....	1	(D)	(D)	(D)	1	(D)	(D)	(D)
Pineapples harvested (tons) .....	-	-	-	-	-	-	-	-
Sugar beets for sugar (tons) .....	-	-	-	-	39	10 885	234 590	7 906
Sugarcane for sugar (tons) .....	-	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry) .....	1 402	181 319	1 040 321	84 417	1 642	161 540	913 269	66 820
Vegetables harvested for sale (see text) .....	328	98 138	(X)	240 925	339	69 864	(X)	202 292
Land in orchards .....	1 141	74 921	(X)	112 096	1 199	74 568	(X)	96 457
Berries harvested for sale .....	10	7	(X)	(D)	8	5	(X)	(D)
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text) .....	211	5 170	(X)	61 053	163	3 037	(X)	22 493
Other crops .....	112	20 691	(X)	6 285	(NA)	(NA)	(X)	6 554

<sup>1</sup>Data are estimated, see text

Table 43. **Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acre	Farms	Acres irrigated	Acres not irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Corn for grain or seed (bushels) .....	128	10 530	138.5	4	176	103	112.6	34	1 985	20.5
Corn for silage or green chop (tons, green) .....	121	8 781	21.7	-	-	-	-	-	-	-
Sorghum for grain or seed (bushels) .....	39	3 242	76.9	-	-	-	-	-	-	-
Wheat for grain (bushels) .....	432	96 945	82.3	1	(D)	(D)	(D)	10	(D)	(D)
Oats for grain (bushels) .....	36	2 132	75.7	1	(D)	(D)	(D)	2	(D)	(D)
Barley for grain (bushels) .....	168	14 654	93.2	-	-	-	-	-	-	-
Rice (cwt) .....	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels) .....	-	-	-	-	-	-	-	-	-	-
Peanuts for nuts (pounds) .....	7	641	2 528.9	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt) .....	9	(D)	(D)	2	(D)	(D)	(D)	1	(D)	(D)
Cotton (bales) .....	1 199	381 733	2.6	-	-	-	-	-	-	-
Tobacco (pounds) .....	-	-	-	-	-	-	-	-	-	-
Irish potatoes (cwt) .....	28	3 618	256.3	-	-	-	-	-	-	-
Sugar beets for sugar (tons) .....	-	-	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons) .....	-	-	-	-	-	-	-	-	-	-
Alfalfa hay (tons, dry) .....	1 148	136 959	6.6	-	-	-	-	-	-	-
Small grain hay (tons, dry) .....	140	5 322	2.5	1	(D)	(D)	(D)	12	(D)	(D)
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry) .....	170	19 582	3.1	-	-	-	-	20	1 609	2.2
Wild hay (tons, dry) .....	26	746	.8	-	-	-	-	13	557	.9
Grass silage, haylage, and green chop hay (tons, green) .....	88	15 943	9.8	-	-	-	-	-	-	-
Alfalfa seed (pounds) .....	9	1 685	223.0	-	-	-	-	-	-	-
Vegetables harvested for sale (see text) .....	328	98 138	(X)	-	-	-	(X)	-	-	(X)
Land in orchards .....	1 141	74 921	(X)	-	-	-	(X)	-	-	(X)
Strawberries harvested for sale (pounds) .....	5	1	2 000.0	-	-	-	-	-	-	-

Table 44. Specified Crops by Acres Harvested: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987					1982				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land	
				Farms	Acres				Farms	Acres
Corn for grain or seed (bushels) .....	166	12 794	1 530 568	132	10 706	149	13 414	1 498 482	114	13 077
Corn for silage or green chop (tons, green) .....	121	8 781	190 335	121	8 781	135	8 653	205 389	135	8 653
Sorghum for grain or seed (bushels) .....	39	3 242	249 319	39	3 242	125	11 570	833 036	125	11 570
Wheat for grain (bushels) .....	443	97 407	7 991 708	433	96 947	539	133 681	11 891 456	539	133 681
1 to 14 acres .....	28	180	8 696	24	165	40	283	16 870	40	283
15 to 24 acres .....	36	692	51 057	36	692	17	331	23 115	17	331
25 to 49 acres .....	61	2 213	153 904	59	2 148	72	2 644	210 772	72	2 644
50 to 99 acres .....	97	6 926	527 570	94	6 746	80	5 719	452 604	80	5 719
100 to 249 acres .....	136	21 481	1 718 881	135	21 281	162	29 601	2 456 150	182	29 601
250 to 499 acres .....	57	18 893	1 569 323	57	18 893	96	32 137	2 904 387	96	32 137
500 to 999 acres .....	15	10 805	1 013 647	15	10 805	34	23 521	2 124 950	34	23 521
1,000 acres or more .....	13	36 217	2 948 630	13	36 217	18	39 445	3 702 608	18	39 445
1,000 to 1,999 acres .....	7	(X)	(X)	7	(X)	11	(X)	(X)	11	(X)
2,000 to 2,999 acres .....	1	(X)	(X)	1	(X)	7	(X)	(X)	7	(X)
3,000 to 4,999 acres .....	3	(X)	(X)	3	(X)					
5,000 acres or more .....	2	(X)	(X)	2	(X)					
Barley for grain (bushels) .....	168	14 654	1 365 067	168	14 654	290	35 502	3 328 880	290	35 502
Cotton (bales) .....	1 199	381 733	1 005 493	1 199	381 733	1 177	518 498	1 155 883	1 177	518 498
1 to 14 acres .....	31	233	479	31	233	57	426	765	57	426
15 to 24 acres .....	27	511	1 106	27	511	47	893	1 673	47	893
25 to 49 acres .....	77	2 769	6 014	77	2 769	70	2 631	4 953	70	2 631
50 to 99 acres .....	162	12 066	31 198	162	12 066	117	8 357	16 594	117	8 357
100 to 249 acres .....	392	65 720	174 791	392	65 720	289	48 584	101 803	289	48 584
250 to 499 acres .....	317	106 094	284 902	317	106 094	297	103 818	229 178	297	103 818
500 to 999 acres .....	136	89 863	235 029	136	89 863	193	130 158	284 489	193	130 158
1,000 acres or more .....	57	104 477	271 974	57	104 477	107	223 621	516 428	107	223 621
1,000 to 1,999 acres .....	44	(X)	(X)	44	(X)	66	(X)	(X)	66	(X)
2,000 to 2,999 acres .....	7	(X)	(X)	7	(X)	41	(X)	(X)	41	(X)
3,000 to 4,999 acres .....	5	(X)	(X)	5	(X)					
5,000 acres or more .....	1	(X)	(X)	1	(X)					
Irish potatoes (cwt) .....	28	3 618	927 389	28	3 618	27	3 799	1 208 966	27	3 799
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry) .....	1 402	181 319	1 040 321	1 373	178 577	1 642	161 540	913 269	1 622	158 723
1 to 14 acres .....	469	2 810	10 599	456	2 733	587	3 882	15 444	584	3 848
15 to 24 acres .....	184	3 431	12 904	179	3 297	190	3 593	14 749	189	3 546
25 to 49 acres .....	197	6 810	28 250	194	6 698	243	8 370	32 854	232	7 939
50 to 99 acres .....	199	13 797	69 167	195	13 442	208	14 569	69 588	206	14 459
100 to 249 acres .....	171	25 784	151 990	169	25 330	244	37 089	197 830	242	36 689
250 to 499 acres .....	97	33 509	192 997	96	32 489	103	35 571	203 055	102	34 646
500 to 999 acres .....	59	38 531	228 470	58	37 941	52	34 157	224 674	52	34 157
1,000 acres or more .....	26	56 647	345 944	26	56 647	15	24 309	155 075	15	23 439
1,000 to 1,999 acres .....	16	(X)	(X)	16	(X)	13	(X)	(X)	13	(X)
2,000 to 2,999 acres .....	8	(X)	(X)	8	(X)	2	(X)	(X)	2	(X)
3,000 to 4,999 acres .....	1	(X)	(X)	1	(X)					
5,000 acres or more .....	1	(X)	(X)	1	(X)					
Alfalfa hay (tons, dry) .....	1 148	136 959	909 135	1 148	136 959	1 371	133 986	838 858	1 371	133 986
1 to 14 acres .....	403	2 449	10 294	403	2 449	511	3 353	14 991	511	3 353
15 to 24 acres .....	147	2 766	11 649	147	2 766	148	2 810	13 183	148	2 810
25 to 49 acres .....	154	5 356	25 643	154	5 356	193	6 580	30 170	193	6 580
50 to 99 acres .....	161	11 181	62 512	161	11 181	177	12 366	67 604	177	12 366
100 to 249 acres .....	147	22 312	147 241	147	22 312	202	31 483	191 710	202	31 483
250 to 499 acres .....	72	24 390	167 180	72	24 390	83	28 160	182 519	83	28 160
500 to 999 acres .....	45	28 566	199 966	45	28 566	45	29 638	210 221	45	29 638
1,000 acres or more .....	19	39 939	284 650	19	39 939	12	19 596	128 460	12	19 596
1,000 to 1,999 acres .....	14	(X)	(X)	14	(X)	10	(X)	(X)	10	(X)
2,000 to 2,999 acres .....	4	(X)	(X)	4	(X)	2	(X)	(X)	2	(X)
3,000 to 4,999 acres .....	-	(X)	(X)	-	(X)					
5,000 acres or more .....	1	(X)	(X)	1	(X)					
Small grain hay (tons, dry) .....	153	5 923	13 985	141	5 347	237	9 170	20 508	217	7 448
Tame hay other than alfalfa, small grain, and wild hay (see text)(tons, dry) .....	190	21 191	64 179	170	19 582	190	8 058	21 476	185	7 263
Wild hay (tons, dry) .....	39	1 303	1 137	26	746	23	614	653	16	314
Grass silage, haylage, and green chop hay (tons, green) .....	88	15 943	155 657	88	15 943	120	9 712	95 315	120	9 712
Vegetables harvested for sale (see text) .....	328	98 138	(X)	328	98 138	339	69 864	(X)	339	69 864
0.1 to 0.9 acres .....	23	8	(X)	23	8	31	13	(X)	31	13
1.0 to 4.9 acres .....	35	80	(X)	35	80	72	174	(X)	72	174
5.0 to 14.9 acres .....	39	328	(X)	39	328	44	361	(X)	44	361
15.0 to 24.9 acres .....	25	480	(X)	25	480	20	355	(X)	20	355
25.0 to 49.9 acres .....	51	1 855	(X)	51	1 855	43	1 525	(X)	43	1 525
50.0 to 99.9 acres .....	46	3 145	(X)	46	3 145	37	2 505	(X)	37	2 505
100.0 to 249.9 acres .....	42	6 310	(X)	42	6 310	35	5 000	(X)	35	5 000
250.0 to 499.9 acres .....	23	8 337	(X)	23	8 337	20	7 257	(X)	20	7 257
500.0 to 749.9 acres .....	13	(D)	(X)	13	(D)	14	10 266	(X)	14	10 266
750.0 to 999.9 acres .....	2	(D)	(X)	2	(D)					
1,000.0 acres or more .....	29	68 099	(X)	29	68 099					
1,000.0 to 1,999.9 acres .....	14	(X)	(X)	14	(X)	23	(X)	(X)	23	(X)
2,000.0 to 2,999.9 acres .....	5	(X)	(X)	5	(X)					
3,000.0 acres or more .....	10	(X)	(X)	10	(X)					
Cantaloups .....	60	12 436	(X)	60	12 436	80	7 103	(X)	80	7 103
Lettuce and romaine .....	107	53 231	(X)	107	53 231	81	31 880	(X)	81	31 880
Watermelons .....	89	6 016	(X)	89	6 016	112	4 727	(X)	112	4 727

Table 44. Specified Crops by Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987					1982				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land	
				Farms	Acres				Farms	Acres
Land in orchards .....	1 141	74 921	(X)	1 141	74 921	1 199	74 568	(X)	1 199	74 568
0.1 to 0.9 acres .....	50	23	(X)	50	23	61	29	(X)	61	29
1.0 to 4.9 acres .....	380	911	(X)	380	911	418	1 012	(X)	418	1 012
5.0 to 14.9 acres .....	272	2 226	(X)	272	2 226	318	2 683	(X)	318	2 683
15.0 to 24.9 acres .....	115	2 204	(X)	115	2 204	124	2 367	(X)	124	2 367
25.0 to 49.9 acres .....	144	5 025	(X)	144	5 025	92	3 056	(X)	92	3 056
50.0 to 99.9 acres .....	62	4 345	(X)	62	4 345	77	5 275	(X)	77	5 275
100.0 to 249.9 acres .....	69	10 343	(X)	69	10 343	61	8 898	(X)	61	8 898
250.0 to 499.9 acres .....	17	5 739	(X)	17	5 739	19	6 401	(X)	19	6 401
500.0 to 749.9 acres .....	10	6 010	(X)	10	6 010	16	11 937	(X)	16	11 937
750.0 to 999.9 acres .....	7	6 015	(X)	7	6 015					
1,000.0 acres or more .....	15	32 081	(X)	15	32 081					
1,000.0 to 1,999.9 acres .....	9	(X)	(X)	9	(X)	13	(X)	(X)	13	(X)
2,000.0 to 2,999.9 acres .....	3	(X)	(X)	3	(X)					
3,000.0 acres or more .....	3	(X)	(X)	3	(X)					

Table 45. Specified Fruits and Nuts by Acres: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
Apples .....	224	4 881	985 133	92	131 600	189	853 533	142	25 517 675
1987 .....	214	1 969	286 044	152	167 433	155	118 611	91	4 702 942
1982 .....									
Grapes (see text) (fresh weight) .....	90	8 462	4 221 084	45	444 046	81	3 777 038	62	66 818 362
1987 .....	105	3 690	1 632 368	46	83 198	84	1 549 170	58	26 894 554
1982 .....									
All citrus fruit .....	546	40 791	3 187 988	106	162 988	533	3 025 000	(X)	(X)
1987 .....	594	45 986	3 786 293	95	108 926	586	3 677 367	(X)	(X)
1982 .....									
1987 acres harvested .....	27	12	926	8	218	25	708	(X)	(X)
0.1 to 0.9 acres .....	124	302	24 762	29	3 425	121	21 337	(X)	(X)
1.0 to 4.9 acres .....	133	1 199	101 475	22	5 416	130	96 059	(X)	(X)
5.0 to 14.9 acres .....	67	1 295	114 399	11	9 816	67	104 583	(X)	(X)
15.0 to 24.9 acres .....	89	3 046	256 680	12	25 014	84	231 666	(X)	(X)
25.0 to 49.9 acres .....	40	2 758	227 776	11	18 820	40	208 956	(X)	(X)
50.0 to 99.9 acres .....	45	6 846	573 018	8	(D)	45	(D)	(X)	(X)
100.0 to 249.9 acres .....	6	1 968	162 861	1	(D)	6	(D)	(X)	(X)
250.0 to 499.9 acres .....	15	23 366	1 726 091	4	56 030	15	1 670 061	(X)	(X)
500.0 acres or more .....	4	(X)	(X)	1	(X)	4	(X)	(X)	(X)
500.0 to 749.9 acres .....	2	(X)	(X)	—	(X)	2	(X)	(X)	(X)
750.0 to 999.9 acres .....	9	(X)	(X)	3	(X)	9	(X)	(X)	(X)
1,000.0 acres or more .....									
1982 acres harvested .....	41	16	877	12	78	36	799	(X)	(X)
0.1 to 0.9 acres .....	126	327	25 158	17	529	125	24 629	(X)	(X)
1.0 to 4.9 acres .....	160	1 424	118 699	22	4 368	159	114 331	(X)	(X)
5.0 to 14.9 acres .....	85	1 602	138 788	10	1 553	85	137 235	(X)	(X)
15.0 to 24.9 acres .....	62	2 049	185 744	9	(D)	61	(D)	(X)	(X)
25.0 to 49.9 acres .....	44	2 922	238 630	6	3 735	44	234 895	(X)	(X)
50.0 to 99.9 acres .....	46	6 935	558 397	9	(D)	46	(D)	(X)	(X)
100.0 to 249.9 acres .....	12	4 069	359 521	3	21 941	12	337 580	(X)	(X)
250.0 to 499.9 acres .....	18	26 643	2 160 479	7	56 449	18	2 104 030	(X)	(X)
500.0 acres or more .....	11	(X)	(X)	4	(X)	11	(X)	(X)	(X)
500.0 to 749.9 acres .....	7	(X)	(X)	3	(X)	7	(X)	(X)	(X)
750.0 to 999.9 acres .....									
1,000.0 acres or more .....									
Grapefruit .....	247	5 935	492 960	24	18 392	243	474 568	201	169 700 175
1987 .....	290	7 576	657 248	17	(D)	284	(D)	210	162 843 707
1982 .....									
1987 acres harvested .....	29	13	875	5	105	26	770	18	76 200
0.1 to 0.9 acres .....	79	174	13 711	8	536	78	13 175	52	1 693 253
1.0 to 4.9 acres .....	71	588	48 259	4	487	71	47 772	65	12 005 795
5.0 to 14.9 acres .....	26	519	49 484	4	(D)	26	(D)	25	12 523 955
15.0 to 24.9 acres .....	19	635	56 289	—	—	19	56 289	18	14 355 740
25.0 to 49.9 acres .....	10	672	57 867	1	(D)	10	(D)	10	17 715 334
50.0 to 99.9 acres .....	13	3 335	266 475	2	(D)	13	(D)	13	111 329 898
100.0 to 249.9 acres .....	9	(X)	(X)	2	(X)	9	(X)	9	(X)
250.0 to 499.9 acres .....	3	(X)	(X)	—	(X)	3	(X)	3	(X)
500.0 acres or more .....	1	(X)	(X)	—	(X)	1	(X)	1	(X)
1982 acres harvested .....	43	13	725	6	(D)	38	(D)	28	81 760
0.1 to 0.9 acres .....	98	232	20 093	5	439	97	19 654	61	2 186 820
1.0 to 4.9 acres .....	83	641	59 463	3	458	83	59 005	55	8 789 200
5.0 to 14.9 acres .....	25	481	44 719	—	—	25	44 719	25	12 608 120
15.0 to 24.9 acres .....	15	485	40 670	1	(D)	15	(D)	15	8 457 762
25.0 to 49.9 acres .....	12	765	61 383	—	—	12	61 383	12	18 683 224
50.0 to 99.9 acres .....	14	4 960	430 195	2	(D)	14	(D)	14	112 036 821
100.0 to 249.9 acres .....	5	(X)	(X)	1	(X)	5	(X)	5	(X)
250.0 to 499.9 acres .....	7	(X)	(X)	1	(X)	7	(X)	7	(X)
500.0 acres or more .....	2	(X)	(X)	—	(X)	2	(X)	2	(X)
Lemons .....	209	18 757	1 323 075	27	41 566	205	1 281 509	183	492 668 256
1987 .....	255	20 362	1 520 831	39	59 175	249	1 461 656	214	537 383 782
1982 .....									

Table 45. Specified Fruits and Nuts by Acres: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
All citrus fruit—Con									
Oranges ----- 1987 ..	337	12 130	1 044 304	64	45 697	320	998 607	284	217 491 240
----- 1982 ..	388	14 017	1 252 175	40	13 890	380	1 238 285	306	255 282 933
1987 acres harvested									
0.1 to 0.9 acres .....	33	13	999	8	184	27	815	19	72 788
1.0 to 4.9 acres .....	82	188	15 759	20	2 538	76	13 221	60	1 548 339
5.0 to 14.9 acres .....	87	736	66 880	14	(D)	85	(D)	74	9 471 649
15.0 to 24.9 acres .....	43	800	70 708	7	(D)	43	(D)	42	11 952 591
25.0 to 49.9 acres .....	45	1 540	139 065	9	18 907	42	120 158	42	22 922 929
50.0 to 99.9 acres .....	25	1 758	153 064	3	2 300	25	150 764	25	29 629 266
100.0 acres or more .....	22	7 094	597 829	3	10 905	22	586 924	22	141 893 678
100.0 to 249.9 acres .....	12	(X)	(X)	—	(X)	12	(X)	12	(X)
250.0 to 499.9 acres .....	5	(X)	(X)	1	(X)	5	(X)	5	(X)
500.0 acres or more .....	5	(X)	(X)	2	(X)	5	(X)	5	(X)
1982 acres harvested									
0.1 to 0.9 acres .....	47	15	1 082	11	60	41	1 022	28	43 683
1.0 to 4.9 acres .....	91	212	17 332	7	243	90	17 089	64	1 871 579
5.0 to 14.9 acres .....	111	944	84 090	11	900	111	83 190	87	11 151 994
15.0 to 24.9 acres .....	46	846	80 588	7	2 351	45	78 237	38	15 782 046
25.0 to 49.9 acres .....	39	1 356	128 401	2	(D)	39	(D)	36	22 453 226
50.0 to 99.9 acres .....	25	1 657	145 878	—	—	25	145 878	24	29 132 907
100.0 acres or more .....	29	8 986	794 804	2	(D)	29	(D)	29	174 847 498
100.0 to 249.9 acres .....	18	(X)	(X)	2	(X)	18	(X)	18	(X)
250.0 to 499.9 acres .....	5	(X)	(X)	—	(X)	5	(X)	5	(X)
500.0 acres or more .....	6	(X)	(X)	—	(X)	6	(X)	6	(X)
Pecans (in shell) ----- 1987 ..	295	17 798	823 934	123	75 136	270	748 798	213	16 376 902
----- 1982 ..	328	15 885	(D)	161	175 122	241	(D)	187	18 482 805
1987 acres harvested:									
0.1 to 0.9 acres .....	42	16	538	24	233	35	305	18	5 954
1.0 to 4.9 acres .....	113	273	9 524	51	2 228	106	7 296	82	92 402
5.0 to 14.9 acres .....	66	494	19 876	21	3 087	61	16 789	48	414 527
15.0 to 24.9 acres .....	25	465	19 350	9	3 610	25	15 740	22	127 113
25.0 to 49.9 acres .....	21	746	29 947	12	(D)	18	(D)	18	341 755
50.0 to 99.9 acres .....	5	355	16 360	1	(D)	5	(D)	5	369 325
100.0 acres or more .....	23	15 449	728 339	5	55 979	20	672 360	20	15 025 826
100.0 to 249.9 acres .....	11	(X)	(X)	3	(X)	9	(X)	9	(X)
250.0 to 499.9 acres .....	4	(X)	(X)	2	(X)	3	(X)	3	(X)
500.0 acres or more .....	8	(X)	(X)	—	(X)	8	(X)	8	(X)
1982 acres harvested:									
0.1 to 0.9 acres .....	58	14	548	37	337	36	211	25	4 175
1.0 to 4.9 acres .....	113	286	9 550	65	3 402	79	6 148	59	54 388
5.0 to 14.9 acres .....	89	729	30 632	20	4 402	75	26 230	63	366 901
15.0 to 24.9 acres .....	26	526	23 595	13	4 540	23	19 055	18	166 070
25.0 to 49.9 acres .....	14	505	22 550	8	12 358	7	10 192	6	147 900
50.0 to 99.9 acres .....	14	961	46 107	11	20 617	10	25 490	6	179 400
100.0 acres or more .....	14	12 863	(D)	7	129 466	11	(D)	10	17 563 971
100.0 to 249.9 acres .....	5	(X)	(X)	2	(X)	4	(X)	3	(X)
250.0 to 499.9 acres .....	2	(X)	(X)	1	(X)	2	(X)	2	(X)
500.0 acres or more .....	7	(X)	(X)	4	(X)	5	(X)	5	(X)

Table 46. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale by Value of Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	Under glass or other protection		In the open		Sales	
	Farms	Square feet	Farms	Acres	Farms	Value (\$1,000)
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text) ----- 1987 ..	95	2 414 777	173	5 115	211	61 053
----- 1982 ..	88	1 640 811	113	3 000	163	22 493
1987 value of sales:						
\$1 to \$2,499 sales .....	9	(D)	17	56	26	31
\$2,500 to \$9,999 sales .....	16	48 208	29	53	37	185
\$10,000 to \$39,999 sales .....	22	(D)	37	212	47	1 000
\$40,000 to \$99,999 sales .....	8	104 100	15	222	18	1 104
\$100,000 to \$199,999 sales .....	11	280 200	17	371	20	2 743
\$200,000 to \$499,999 sales .....	15	424 691	30	1 130	33	9 740
\$500,000 sales or more .....	14	1 409 986	28	3 071	30	46 250
Bedding plants ----- 1987 ..	28	1 039 620	16	93	34	7 491
----- 1982 ..	28	468 568	7	29	30	4 235
Foliage and potted flowering plants, total ----- 1987 ..	36	870 706	26	122	51	8 024
----- 1982 ..	34	687 299	16	140	41	3 689
Foliage plants ----- 1987 ..	30	762 404	23	102	43	7 468
Potted flowering plants ----- 1987 ..	12	108 302	4	20	15	556
Nursery crops ----- 1987 ..	35	440 831	109	2 125	115	32 838
----- 1982 ..	24	421 884	74	1 347	79	9 210

**Table 47. Farms by Concentration of Market Value of Agricultural Products Sold: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms	Fewest number of farms accounting for —			
		10 percent of sales	25 percent of sales	50 percent of sales	75 percent of sales
Farms.....	7 669	4	16	106	467
Land in farms.....	100 0	1	2	14	61
Land in farms.....	36 287 794	3 043	112 221	2 725 335	15 278 976
Average size of farm.....	4 732	761	7 014	25 711	32 717
Value of land and buildings <sup>1</sup> .....	7 673	4	16	106	467
Average per farm.....	10 111 212	8 317	212 819	1 312 614	4 194 246
Average per acre.....	1 317 765	2 079 250	13 301 188	12 383 151	8 981 255
Average per acre.....	279	2 733	1 896	482	275
Estimated market value of all machinery and equipment.....	\$1,000.. 425 285	7 900	38 722	91 518	183 512
percent.....	100.0	1.9	9.1	21.5	43.2
Land in farms according to use:					
Total cropland.....	1 453 852	(D)	70 387	302 107	656 188
Harvested cropland.....	865 817	(D)	52 202	231 678	477 992
Pastureland, excluding woodland pastured.....	29 980 018	69	31 782	1 866 887	11 564 211
Market value of agricultural products sold.....	\$1,000.. 1 628 544	184 358	413 667	815 418	1 221 913
Average per farm.....	212 354	46 089 501	25 854 197	7 692 618	2 616 515
Grains.....	farms.. 595	1	4	35	141
\$1,000.. 35 282	(D)	3 762	13 311	22 254	
Cotton and cottonseed.....	farms.. 1 197	-	1	29	208
\$1,000.. 361 558	(D)	(D)	59 721	181 875	
Tobacco.....	farms.. -	-	-	-	-
\$1,000.. -	-	-	-	-	-
Hay, silage, and field seeds.....	farms.. 981	1	3	27	133
\$1,000.. 74 244	(D)	3 294	17 869	44 674	
Vegetables, sweet corn, and melon.....	farms.. 328	-	2	45	105
\$1,000.. 240 925	-	(D)	186 092	226 583	
Fruits, nuts, and berries.....	farms.. 798	-	3	15	44
\$1,000.. 111 422	-	27 898	65 914	87 039	
Nursery and greenhouse crops.....	farms.. 211	-	1	11	37
\$1,000.. 61 053	-	(D)	18 095	45 968	
Other crops.....	farms.. 79	-	-	8	22
\$1,000.. 12 197	-	-	5 857	10 014	
Poultry and poultry products.....	farms.. 257	-	-	2	3
\$1,000.. 4 553	-	-	(D)	3 395	
Dairy products.....	farms.. 169	-	-	20	91
\$1,000.. 168 400	-	-	75 822	156 191	
Cattle and calves.....	farms.. 3 302	4	11	41	176
\$1,000.. 506 565	183 503	317 352	357 072	409 756	
Hogs and pigs.....	farms.. 242	-	-	1	14
\$1,000.. 26 953	-	-	(D)	22 125	
Sheep, lambs, and wool.....	farms.. 422	-	-	4	22
\$1,000.. 9 245	-	-	671	5 362	
Other livestock and livestock products (see text).....	farms.. 1 449	1	3	7	33
\$1,000.. 16 148	(D)	8	1 270	6 676	
Total farm production expenses <sup>1</sup> .....	farms.. 7 673	4	16	106	467
\$1,000.. 1 301 666	169 764	365 884	679 658	982 177	
Selected farm production expenses <sup>1</sup> :					
Livestock and poultry purchased.....	farms.. 2 343	4	11	35	149
\$1,000.. 244 484	106 141	180 249	198 794	219 500	
Feed for livestock and poultry.....	farms.. 4 084	4	11	43	189
\$1,000.. 208 527	48 295	84 585	135 485	185 155	
Commercial fertilizer.....	farms.. 3 075	1	7	73	336
\$1,000.. 51 672	(D)	4 563	18 882	33 661	
Agricultural chemicals.....	farms.. 3 253	1	7	78	347
\$1,000.. 60 366	(D)	5 454	20 422	38 098	
Petroleum products.....	farms.. 6 896	4	16	104	458
\$1,000.. 44 554	669	3 829	11 694	22 505	
Electricity.....	farms.. 4 870	4	15	98	428
\$1,000.. 38 289	883	5 651	14 773	26 947	
Hired farm labor.....	farms.. 3 582	4	16	101	457
\$1,000.. 207 689	4 588	31 745	102 121	158 991	
Interest.....	farms.. 3 465	4	16	91	392
\$1,000.. 74 553	1 198	7 858	28 117	49 078	
Payments from government programs.....	farms.. 1 194	-	-	24	175
\$1,000.. 58 034	-	-	5 290	22 597	
Inventory of selected livestock:					
Cattle and calves.....	farms.. 3 521	4	10	39	171
number.....	1 110 912	183 432	341 219	452 395	650 341
Milk cows.....	farms.. 476	-	-	20	96
number.....	86 280	-	-	35 324	77 704
Hogs and pigs.....	farms.. 331	-	1	2	14
number.....	135 414	-	(D)	(D)	109 983

<sup>1</sup>Data are based on a sample of farms.

Table 48. Summary by Tenure of Operator: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>FARMS AND LAND IN FARMS</b>								
Farms .....	7 669	5 044	1 130	1 095	3 580	1 765	1 010	805
Land in farms .....	100.0	65.8	20.0	14.3	46.7	23.0	13.2	10.5
Land in farms .....	36 287 794	23 429 445	10 659 290	2 199 059	33 690 064	21 824 297	9 991 535	1 874 232
Average size of farm .....	4 732	4 645	6 967	2 008	9 411	12 365	9 893	2 328
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) .....	7 669	5 044	1 530	1 095	3 580	1 765	1 010	805
\$1,000 .....	1 628 544	560 165	616 442	451 937	1 618 201	552 409	614 698	451 094
Average per farm .....	212 354	111 056	402 903	412 728	452 011	312 980	608 612	560 365
Farms by value of sales:								
Less than \$1,000 (see text) .....	1 458	1 252	131	75	-	-	-	-
\$1,000 to \$2,499 .....	1 036	846	107	83	-	-	-	-
\$2,500 to \$4,999 .....	820	622	137	61	-	-	-	-
\$5,000 to \$9,999 .....	775	559	145	71	-	-	-	-
\$10,000 to \$19,999 .....	587	399	129	59	587	399	129	59
\$20,000 to \$24,999 .....	170	122	35	13	170	122	35	13
\$25,000 to \$39,999 .....	392	255	77	60	392	255	77	60
\$40,000 to \$49,999 .....	191	112	58	21	191	112	58	21
\$50,000 to \$99,999 .....	533	271	147	115	533	271	147	115
\$100,000 to \$249,999 .....	681	257	234	190	681	257	234	190
\$250,000 to \$499,999 .....	471	154	142	175	471	154	142	175
\$500,000 to \$999,999 .....	267	87	91	89	267	87	91	89
\$1,000,000 or more .....	288	108	97	83	288	108	97	83
Grains .....	595	200	224	171	555	175	213	167
\$1,000 .....	35 282	11 362	15 254	8 666	35 185	11 307	15 227	8 650
Sales of \$50,000 or more .....	164	45	75	44	164	45	75	44
\$1,000 .....	27 853	9 364	12 436	6 053	27 853	9 364	12 436	6 053
Corn for grain .....	108	51	40	17	90	38	38	14
\$1,000 .....	3 412	1 297	1 430	685	3 383	1 281	(D)	(D)
Wheat .....	432	122	165	145	418	114	161	143
\$1,000 .....	27 541	8 710	12 057	6 775	27 503	(D)	12 038	(D)
Soybeans .....	-	-	-	-	-	-	-	-
\$1,000 .....	-	-	-	-	-	-	-	-
Sorghum for grain .....	36	18	12	6	34	17	11	6
\$1,000 .....	516	254	146	115	(D)	(D)	(D)	115
Barley .....	161	45	63	53	153	41	59	53
\$1,000 .....	3 243	752	1 497	994	3 221	734	1 493	994
Oats .....	22	8	8	6	20	7	7	6
\$1,000 .....	224	96	59	69	(D)	(D)	(D)	69
Other grains .....	14	6	5	3	14	6	5	3
\$1,000 .....	347	254	65	28	347	254	65	28
Cotton and cottonseed .....	1 197	323	371	503	1 179	307	369	503
\$1,000 .....	361 558	(D)	(D)	(D)	361 476	90 783	(D)	(D)
Sales of \$50,000 or more .....	1 015	228	335	452	1 015	228	335	452
\$1,000 .....	357 319	88 767	124 465	144 086	357 319	88 767	124 465	144 086
Tobacco .....	-	-	-	-	-	-	-	-
\$1,000 .....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more .....	-	-	-	-	-	-	-	-
\$1,000 .....	-	-	-	-	-	-	-	-
Hay, silage, and field seeds .....	981	439	330	212	676	226	269	181
\$1,000 .....	74 244	16 284	32 852	25 108	73 370	15 673	32 690	25 007
Sales of \$50,000 or more .....	279	59	130	90	279	59	130	90
\$1,000 .....	66 206	12 802	30 299	23 106	66 206	12 802	30 299	23 106
Vegetables, sweet corn, and melons .....	328	135	101	92	283	97	94	92
\$1,000 .....	240 925	16 558	133 770	90 597	240 846	16 490	133 759	90 597
Sales of \$50,000 or more .....	177	37	71	69	177	37	71	69
\$1,000 .....	238 695	15 214	133 389	90 092	238 695	15 214	133 389	90 092
Fruits, nuts, and berries .....	798	665	91	42	435	334	67	34
\$1,000 .....	111 422	55 110	49 163	7 149	110 447	54 219	49 092	7 136
Sales of \$50,000 or more .....	173	120	38	15	173	120	38	15
\$1,000 .....	105 190	49 941	48 566	6 683	105 190	49 941	48 566	6 683
Nursery and greenhouse crops .....	211	129	40	42	154	82	36	36
\$1,000 .....	61 053	15 995	21 053	24 004	60 853	15 832	21 033	23 987
Sales of \$50,000 or more .....	94	42	26	26	94	42	26	26
\$1,000 .....	59 505	14 874	20 862	23 769	59 505	14 874	20 862	23 769
Other crops .....	79	38	22	19	54	15	21	18
\$1,000 .....	12 197	3 699	5 422	3 076	12 117	3 629	(D)	(D)
Sales of \$50,000 or more .....	26	7	10	9	26	7	10	9
\$1,000 .....	11 685	3 507	5 287	2 891	11 685	3 507	5 287	2 891
Poultry and poultry products .....	257	212	32	13	40	25	7	8
\$1,000 .....	4 553	402	187	3 964	4 454	314	178	3 962
Sales of \$50,000 or more .....	6	1	1	4	6	1	1	4
\$1,000 .....	4 389	(D)	(D)	(D)	4 389	(D)	(D)	(D)
Dairy products .....	169	103	37	29	147	88	30	29
\$1,000 .....	168 400	102 993	28 349	37 057	168 385	102 985	28 343	37 057
Sales of \$50,000 or more .....	131	77	25	29	131	77	25	29
\$1,000 .....	168 108	102 783	28 266	37 057	168 108	102 783	28 266	37 057
Cattle and calves .....	3 302	2 159	868	275	1 589	916	545	128
\$1,000 .....	506 565	206 031	198 932	101 602	501 379	202 514	197 777	101 087
Sales of \$50,000 or more .....	635	344	244	47	635	344	244	47
\$1,000 .....	482 080	191 218	191 378	99 484	482 080	191 218	191 378	99 484

See footnotes at end of table



Table 48. **Summary by Tenure of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Hogs and pigs ----- farms..	242	189	37	16	89	62	17	10
\$1,000..	26 953	22 938	2 143	1 872	26 781	22 793	2 123	1 866
Sales of \$50,000 or more ----- farms..	36	26	5	5	36	26	5	5
\$1,000..	26 355	22 477	2 054	1 825	26 355	22 477	2 054	1 825
Sheep, lambs, and wool ----- farms..	422	335	47	40	99	63	22	14
\$1,000..	9 245	(D)	(D)	(D)	8 962	5 405	2 303	1 255
Sales of \$50,000 or more ----- farms..	35	20	8	7	35	20	8	7
\$1,000..	8 700	5 247	2 222	1 232	8 700	5 247	2 222	1 232
Other livestock and livestock products (see text) ----- farms..	1 449	1 124	228	97	414	258	124	32
\$1,000..	16 148	12 291	1 708	2 149	13 946	10 465	1 469	2 012
Sales of \$50,000 or more ----- farms..	43	30	7	6	43	30	7	6
\$1,000..	10 652	8 084	819	1 749	10 652	8 084	819	1 749
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses ----- farms..	7 673	5 158	1 418	1 097	3 578	1 753	955	870
\$1,000..	1 301 666	445 153	512 093	344 421	1 276 025	424 779	508 606	342 641
Average per farm ----- dollars..	169 642	86 303	361 137	313 966	356 631	242 315	532 571	393 840
Livestock and poultry purchased ----- farms..	2 343	1 661	496	186	1 078	609	360	109
\$1,000..	244 484	101 962	87 171	55 350	242 128	100 184	86 853	55 091
Farms with expenses of—								
\$1 to \$4,999 -----	1 471	1 139	232	100	317	172	112	33
\$5,000 to \$24,999 -----	503	309	152	42	392	224	136	32
\$25,000 to \$99,999 -----	227	142	72	13	227	142	72	13
\$100,000 or more -----	142	71	40	31	142	71	40	31
Feed for livestock and poultry ----- farms..	4 084	2 964	824	296	1 683	999	527	157
\$1,000..	208 527	96 895	68 108	43 524	204 074	93 180	67 644	43 251
Farms with expenses of—								
\$1 to \$4,999 -----	3 004	2 279	535	190	814	500	253	61
\$5,000 to \$24,999 -----	733	479	204	50	530	301	189	40
\$25,000 to \$99,999 -----	152	85	48	19	144	77	48	19
\$100,000 or more -----	195	121	37	37	195	121	37	37
Commercially mixed formula feeds ----- farms..	1 567	1 125	328	114	637	359	203	75
\$1,000..	60 742	30 581	13 237	16 924	59 947	29 914	13 163	16 869
Farms with expenses of—								
\$1 to \$4,999 -----	1 231	930	238	63	311	174	113	24
\$5,000 to \$24,999 -----	153	95	51	7	143	85	51	7
\$25,000 to \$79,999 -----	70	37	15	18	70	37	15	18
\$80,000 or more -----	113	63	24	26	113	63	24	26
Seeds, bulbs, plants, and trees ----- farms..	2 374	1 093	572	709	1 801	655	476	670
\$1,000..	17 741	4 154	8 303	5 283	17 584	4 058	8 274	5 251
Farms with expenses of—								
\$1 to \$999 -----	1 023	661	161	201	459	224	67	168
\$1,000 to \$4,999 -----	768	267	169	332	759	266	167	326
\$5,000 to \$24,999 -----	470	140	196	134	470	140	196	134
\$25,000 or more -----	113	25	46	42	113	25	46	42
Commercial fertilizer ----- farms..	3 075	1 679	676	720	2 101	883	531	687
\$1,000..	51 672	14 055	20 143	17 473	51 188	13 688	20 085	17 416
Farms with expenses of—								
\$1 to \$4,999 -----	1 753	1 260	278	215	791	469	134	188
\$5,000 to \$24,999 -----	906	317	237	352	894	312	236	346
\$25,000 to \$49,999 -----	196	45	74	77	196	45	74	77
\$50,000 or more -----	220	57	87	76	220	57	87	76
Agricultural chemicals ----- farms..	3 253	1 848	658	747	2 132	865	557	710
\$1,000..	60 366	15 568	23 847	20 951	59 784	15 107	23 798	20 880
Farms with expenses of—								
\$1 to \$4,999 -----	1 954	1 480	242	232	841	502	142	197
\$5,000 to \$24,999 -----	792	248	233	311	784	243	232	309
\$25,000 to \$49,999 -----	241	63	75	103	241	63	75	103
\$50,000 or more -----	266	57	108	101	266	57	108	101
Petroleum products ----- farms..	6 896	4 473	1 360	1 063	3 479	1 685	940	854
\$1,000..	44 554	16 238	17 164	11 151	42 161	14 374	16 838	10 949
Farms with expenses of—								
\$1 to \$4,999 -----	5 251	3 849	825	577	1 857	1 082	406	369
\$5,000 to \$24,999 -----	1 295	522	400	373	1 272	501	399	372
\$25,000 to \$49,999 -----	217	65	77	75	217	65	77	75
\$50,000 or more -----	133	37	58	38	133	37	58	38
Gasoline and gasohol ----- farms..	5 923	3 788	1 214	921	3 026	1 440	851	735
\$1,000..	16 532	7 456	5 630	3 445	14 994	6 266	5 394	3 335
Diesel fuel ----- farms..	3 603	2 057	741	805	2 426	1 111	602	713
\$1,000..	19 590	5 782	7 794	6 014	19 171	5 465	7 749	5 957
Natural gas ----- farms..	505	296	128	81	313	148	100	65
\$1,000..	3 600	1 204	1 881	515	3 548	1 163	1 874	511
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	4 805	2 835	1 097	873	3 086	1 452	856	778
\$1,000..	4 833	1 796	1 860	1 177	4 447	1 481	1 821	1 145

See footnotes at end of table.

**Table 48. Summary by Tenure of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
— Con.								
Total farm production expenses—Con								
Electricity ----- farms..	4 870	3 203	944	723	2 567	1 253	717	597
\$1,000 .....	38 289	14 358	14 423	9 508	37 102	13 333	14 307	9 462
Farms with expenses of—								
\$1 to \$999 .....	2 812	2 084	429	299	884	469	241	174
\$1,000 to \$4,999 .....	1 257	824	267	166	882	489	228	165
\$5,000 to \$24,999 .....	543	200	165	178	543	200	165	178
\$25,000 or more .....	258	95	83	80	258	95	83	80
Hired farm labor ----- farms..	3 582	1 938	910	734	2 683	1 222	761	700
\$1,000 .....	207 689	63 176	84 551	59 962	206 676	62 349	84 373	59 954
Farms with expenses of—								
\$1 to \$4,999 .....	1 527	1 084	267	176	665	399	124	142
\$5,000 to \$24,999 .....	976	454	274	248	939	423	268	248
\$25,000 to \$99,999 .....	724	267	247	210	724	267	247	210
\$100,000 or more .....	355	133	122	100	355	133	122	100
Contract labor ----- farms..	1 728	930	416	382	1 269	563	363	343
\$1,000 .....	40 353	8 822	19 264	12 266	39 824	8 372	19 251	12 201
Farms with expenses of—								
\$1 to \$999 .....	419	267	91	61	167	72	42	53
\$1,000 to \$4,999 .....	631	350	125	156	431	185	121	125
\$5,000 to \$24,999 .....	487	256	124	107	480	249	124	107
\$25,000 or more .....	191	57	76	58	191	57	76	58
Repair and maintenance ----- farms..	6 001	3 847	1 217	937	3 172	1 535	876	761
\$1,000 .....	53 723	18 249	21 576	13 898	50 792	15 870	21 176	13 747
Farms with expenses of—								
\$1 to \$4,999 .....	4 497	3 245	719	533	1 720	973	385	362
\$5,000 to \$24,999 .....	1 051	465	329	257	999	425	322	252
\$25,000 to \$49,999 .....	234	79	87	68	234	79	87	68
\$50,000 or more .....	219	58	82	79	219	58	82	79
Customwork, machine hire, and rental of machinery and equipment ----- farms..	2 488	1 363	543	582	1 662	665	442	555
\$1,000 .....	35 038	7 803	13 527	13 708	34 545	7 380	13 460	13 705
Farms with expenses of—								
\$1 to \$999 .....	999	783	133	83	340	220	64	56
\$1,000 to \$4,999 .....	519	309	121	89	352	174	89	89
\$5,000 to \$24,999 .....	645	225	160	260	645	225	160	260
\$25,000 or more .....	325	46	129	150	325	46	129	150
Interest expense ----- farms..	3 465	2 061	809	595	2 274	1 072	664	538
\$1,000 .....	74 553	28 060	35 040	11 452	71 476	25 675	34 513	11 288
Farms with expenses of—								
\$1 to \$4,999 .....	1 834	1 247	312	275	816	394	194	228
\$5,000 to \$24,999 .....	1 106	592	281	233	937	457	257	223
\$25,000 to \$99,999 .....	393	170	158	65	389	169	155	65
\$100,000 or more .....	132	52	58	22	132	52	58	22
Secured by real estate ----- farms..	2 295	1 678	617	-	1 382	875	507	-
\$1,000 .....	47 071	21 599	25 472	-	44 656	19 635	25 021	-
Farms with expenses of—								
\$1 to \$999 .....	392	351	41	-	75	58	17	-
\$1,000 to \$4,999 .....	863	665	198	-	383	246	137	-
\$5,000 to \$24,999 .....	713	482	231	-	601	392	209	-
\$25,000 or more .....	327	180	147	-	323	179	144	-
Not secured by real estate ----- farms..	1 761	743	423	595	1 343	444	361	538
\$1,000 .....	27 482	6 462	9 568	11 452	26 821	6 040	9 492	11 288
Farms with expenses of—								
\$1 to \$999 .....	394	260	66	68	220	111	41	68
\$1,000 to \$4,999 .....	645	285	153	207	424	146	116	160
\$5,000 to \$24,999 .....	509	145	131	233	486	132	131	223
\$25,000 or more .....	213	53	73	87	213	53	73	87
Cash rent ----- farms..	1 780	-	904	876	1 403	-	665	738
\$1,000 .....	46 666	-	23 685	22 980	46 169	-	23 407	22 762
Farms with expenses of—								
\$1 to \$4,999 .....	871	-	499	372	523	-	277	246
\$5,000 to \$9,999 .....	278	-	125	153	250	-	108	142
\$10,000 to \$24,999 .....	259	-	111	148	258	-	111	147
\$25,000 or more .....	372	-	169	203	372	-	169	203
Property taxes ----- farms..	6 788	5 070	1 403	315	2 905	1 715	953	237
\$1,000 .....	21 154	11 866	8 363	925	18 340	9 423	8 028	889
Farms with expenses of—								
\$1 to \$4,999 .....	5 983	4 654	1 067	262	2 128	1 325	619	184
\$5,000 to \$9,999 .....	384	201	149	34	362	179	149	34
\$10,000 to \$24,999 .....	281	147	121	13	275	143	119	13
\$25,000 or more .....	140	68	66	6	140	68	66	6
All other farm production expenses ----- farms..	7 078	4 624	1 379	1 075	3 577	1 752	955	870
\$1,000 .....	156 858	43 946	66 925	45 987	154 181	41 786	66 599	45 796
Farms with expenses of—								
\$1 to \$4,999 .....	5 045	3 844	682	519	1 552	972	266	314
\$5,000 to \$24,999 .....	1 149	470	411	268	1 141	470	403	268
\$25,000 to \$49,999 .....	370	148	99	123	370	148	99	123
\$50,000 or more .....	514	162	187	165	514	162	187	165

See footnotes at end of table.

Table 48. **Summary by Tenure of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>								
All farms..... number..	7 673	5 158	1 418	1 097	3 578	1 753	955	870
..... \$1,000..	306 975	118 214	95 017	93 744	322 030	130 405	96 950	94 675
Average per farm..... dollars..	40 007	22 919	67 008	85 455	90 003	74 389	101 519	108 821
Farms with net gains <sup>2</sup> ..... number..	3 558	1 962	833	763	2 599	1 223	700	676
Average net gain..... dollars..	97 044	72 167	125 100	130 382	132 230	114 752	148 591	146 910
Gain of—								
Less than \$1,000.....	512	386	85	41	77	29	34	14
\$1,000 to \$9,999.....	1 110	684	216	210	586	302	134	150
\$10,000 to \$49,999.....	896	455	219	222	896	455	219	222
\$50,000 or more.....	1 040	437	313	290	1 040	437	313	290
Farms with net losses..... number..	4 115	3 196	585	334	979	530	255	194
Average net loss..... dollars..	9 309	7 314	15 711	17 175	22 101	18 749	27 700	23 898
Loss of—								
Less than \$1,000.....	626	586	26	14	36	24	8	4
\$1,000 to \$9,999.....	2 568	2 039	347	182	427	271	74	82
\$10,000 to \$49,999.....	820	520	182	118	418	186	144	88
\$50,000 or more.....	101	51	30	20	98	49	29	20
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>								
Government payments..... farms..	1 194	347	394	453	1 134	310	380	444
..... \$1,000..	58 034	12 593	20 673	24 767	57 840	12 482	20 612	24 746
Other farm-related income <sup>1</sup> ..... farms..	942	535	229	178	484	163	160	161
..... \$1,000..	10 889	2 897	4 439	3 553	9 767	1 983	4 281	3 502
Customwork and other agricultural services..... farms..	425	200	104	121	69	69	84	105
..... \$1,000..	3 631	650	1 115	1 867	3 405	485	1 103	1 817
Gross cash rent or share payments..... farms..	326	207	77	42	158	62	54	42
..... \$1,000..	5 273	1 753	2 044	1 477	4 677	1 232	1 968	1 477
Forest products and Christmas trees..... farms..	29	20	8	1	19	10	8	1
..... \$1,000..	682	(D)	638	(D)	(D)	24	638	(D)
Other farm-related income sources..... farms..	215	125	69	21	92	29	43	20
..... \$1,000..	1 303	(D)	643	(D)	(D)	242	572	(D)
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total..... farms..	242	81	88	73	218	63	84	71
..... \$1,000..	13 464	3 160	5 088	5 215	13 368	3 081	(D)	(D)
Corn..... farms..	20	6	10	4	19	5	10	4
..... \$1,000..	1 060	287	517	257	(D)	(D)	517	257
Wheat..... farms..	31	11	14	6	31	11	14	6
..... \$1,000..	939	(D)	(D)	(D)	939	(D)	(D)	(D)
Soybeans..... farms..	-	-	-	-	-	-	-	-
..... \$1,000..	-	-	-	-	-	-	-	-
Sorghum, barley, and oats..... farms..	5	2	1	2	5	2	1	2
..... \$1,000..	21	(D)	(D)	(D)	21	(D)	(D)	(D)
Cotton..... farms..	171	41	65	65	171	41	65	65
..... \$1,000..	10 465	2 266	3 577	4 623	10 465	2 266	3 577	4 623
Peanuts, rye, rice, tobacco, and honey..... farms..	46	29	13	4	23	12	9	2
..... \$1,000..	978	543	228	207	(D)	464	215	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland..... farms..	4 840	2 942	1 047	851	2 593	1 156	729	708
..... acres..	1 453 852	482 145	544 503	427 204	1 335 152	407 666	511 683	415 803
Harvested cropland..... farms..	3 646	2 063	827	756	2 312	978	651	683
..... acres..	865 817	252 825	337 563	275 429	850 578	241 067	335 358	274 153
Farms by acres harvested								
1 to 49 acres.....	1 924	1 482	285	157	631	429	112	90
50 to 99 acres.....	330	169	74	87	301	146	72	83
100 to 199 acres.....	383	155	102	126	376	150	102	124
200 to 499 acres.....	564	150	188	226	559	146	187	226
500 to 999 acres.....	267	63	98	106	267	63	98	106
1,000 to 1,999 acres.....	121	31	53	37	121	31	53	37
2,000 acres or more.....	57	13	27	17	57	13	27	17
Cropland								
Pasture or grazing only..... farms..	1 551	1 060	375	116	485	260	176	49
..... acres..	139 721	71 271	55 108	13 342	69 026	28 573	32 741	7 712
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured..... farms..	201	101	65	35	140	51	55	34
..... acres..	23 694	11 235	6 493	5 966	19 858	8 857	(D)	(D)
On which all crops failed..... farms..	164	99	29	36	50	16	13	21
..... acres..	5 445	2 636	1 067	1 742	3 091	884	936	1 271
In cultivated summer fallow..... farms..	298	114	105	79	271	98	95	78
..... acres..	85 416	35 020	24 847	25 549	82 023	33 693	(D)	(D)
Idle..... farms..	1 443	648	385	410	1 086	364	335	387
..... acres..	333 759	109 158	119 425	105 176	310 576	94 592	113 492	102 492
Total woodland..... farms..	280	219	45	16	126	90	23	13
..... acres..	4 106 447	4 069 750	33 989	2 708	4 094 489	4 061 325	30 538	2 626
Woodland pastured..... farms..	190	147	34	9	91	65	20	6
..... acres..	3 848 812	3 814 161	32 782	1 869	3 840 284	3 809 101	29 396	1 787
Woodland not pastured..... farms..	109	88	13	8	46	33	5	8
..... acres..	257 635	255 589	1 207	839	254 205	252 224	1 142	839

See footnotes at end of table

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Pastureland and rangeland other than cropland and woodland pastured	farms... 2 399	1 392	787	220	1 197	602	488	107
acres... 29 840 297	18 141 336	9 961 334	1 737 627	27 470 692	16 694 904	9 347 127	1 428 661	
Land in house lots, ponds, roads, wasteland, etc.	farms... 4 203	3 006	765	432	1 760	940	502	318
acres... 887 198	736 214	119 464	31 520	789 731	660 402	102 187	27 142	
Cropland under federal acreage reduction programs	farms... 1 045	266	338	441	1 033	260	336	437
Annual commodity acreage adjustment programs	acres... 119 003	26 204	44 481	48 318	118 713	(D)	(D)	48 266
Conservation reserve program	farms... 73	19	28	26	66	15	25	26
acres... 13 988	2 558	6 177	5 253	13 317	2 293	5 771	5 253	
Value of land and buildings <sup>1</sup>	farms... 7 673	5 158	1 418	1 097	3 578	1 753	955	870
\$1,000... 10 111 212	5 850 268	2 975 416	1 285 528	9 124 516	5 126 205	2 815 032	1 183 279	
Average per farm... dollars... 1 317 765	1 134 212	2 098 319	1 171 858	2 550 172	2 924 247	2 947 677	1 360 091	
Average per acre... dollars... 279	249	279	608	270	235	278	650	
Farms by value group:								
\$1 to \$39,999	1 356	1 187	33	136	265	206	6	53
\$40,000 to \$69,999	618	533	45	40	142	110	3	29
\$70,000 to \$99,999	562	477	46	39	90	73	3	14
\$100,000 to \$149,999	790	637	78	75	205	129	20	56
\$150,000 to \$199,999	564	440	88	36	221	138	48	35
\$200,000 to \$499,999	1 597	1 008	324	265	798	432	160	206
\$500,000 to \$999,999	817	375	243	199	633	251	193	189
\$1,000,000 to \$1,999,999	577	228	192	157	483	175	159	149
\$2,000,000 to \$4,999,999	522	157	258	107	483	132	252	99
\$5,000,000 or more	270	116	111	43	258	107	111	40
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment	farms... 7 635	5 128	1 418	1 089	3 570	1 753	955	862
\$1,000... 425 285	186 126	142 519	96 640	369 385	142 674	134 107	92 604	
Farms by value group:								
\$1 to \$4,999	858	684	94	80	125	75	32	18
\$5,000 to \$9,999	1 920	1 577	216	127	199	110	56	33
\$10,000 to \$19,999	1 479	1 007	311	161	629	339	154	136
\$20,000 to \$49,999	1 591	1 111	272	208	1 010	599	225	186
\$50,000 to \$99,999	836	410	207	219	711	315	195	201
\$100,000 to \$199,999	529	197	153	179	477	174	129	174
\$200,000 to \$499,999	310	99	120	91	307	98	119	90
\$500,000 or more	112	43	45	24	112	43	45	24
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Motortrucks, including pickups	farms... 6 890	4 509	1 357	1 024	3 397	1 635	936	826
number... 16 570	9 637	4 038	2 895	11 390	5 382	3 450	2 558	
Wheel tractors	farms... 5 398	3 444	1 057	897	2 891	1 398	744	749
number... 13 364	7 006	3 503	2 855	9 763	4 137	3 008	2 618	
Less than 40 horsepower (PTO)	farms... 3 014	2 177	501	336	1 276	717	302	257
number... 4 492	3 001	887	604	2 368	1 252	604	512	
40 horsepower (PTO) or more	farms... 3 426	1 915	765	746	2 370	1 103	621	646
number... 8 872	4 005	2 616	2 251	7 395	2 885	2 404	2 106	
Grain and bean combines	farms... 332	175	106	51	273	126	96	51
number... 382	189	128	65	323	140	118	65	
Cottonpickers and strippers	farms... 772	211	238	323	759	198	238	323
number... 1 609	434	540	635	1 594	419	540	635	
Mower conditioners	farms... 834	473	233	128	560	294	146	120
number... 1 032	541	331	160	737	353	234	150	
Pickup balers	farms... 827	440	249	138	568	287	163	110
number... 1 138	545	371	222	840	381	258	201	
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>								
Commercial fertilizer	farms... 3 074	1 678	676	720	2 101	883	531	687
acres on which used... 814 565	244 922	312 161	257 482	800 550	236 206	309 055	255 289	
Lime	farms... -	-	-	-	-	-	-	-
acres on which used... -	-	-	-	-	-	-	-	-
tons... -	-	-	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms... 2 228	1 035	530	663	1 769	652	470	647
acres on which used... 677 844	191 544	257 713	228 587	671 523	187 099	256 937	227 487	
Nematodes in crops	farms... 202	96	43	63	173	67	43	63
acres on which used... 32 365	9 962	12 921	9 482	31 876	9 473	12 921	9 482	
Diseases in crops and orchards	farms... 333	240	44	49	240	152	39	49
acres on which used... 61 965	25 525	22 378	14 062	61 462	25 072	22 328	14 062	
Weeds, grass, or brush in crops and pasture	farms... 1 770	828	428	514	1 336	477	362	497
acres on which used... 538 181	146 949	227 006	164 226	527 353	143 362	221 223	162 768	
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms... 1 120	316	314	490	1 039	254	295	490
acres on which used... 311 847	79 490	114 615	117 742	310 572	78 371	114 459	117 742	

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>TENURE AND RACE OF OPERATOR</b>								
All operators .....	7 669	5 044	1 530	1 095	3 580	1 765	1 010	805
Full owners .....	5 044	5 044	-	-	1 765	1 765	-	-
Part owners .....	1 530	-	1 530	-	1 010	-	1 010	-
Tenants .....	1 095	-	-	1 095	805	-	-	805
White .....	7 071	4 599	1 472	1 000	3 371	1 629	980	762
Full owners .....	4 599	4 599	-	-	1 629	1 629	-	-
Part owners .....	1 472	-	1 472	-	980	-	980	-
Tenants .....	1 000	-	-	1 000	762	-	-	762
Black and other races .....	598	445	58	95	209	136	30	43
Full owners .....	445	445	-	-	136	136	-	-
Part owners .....	58	-	58	-	30	-	30	-
Tenants .....	95	-	-	95	43	-	-	43
<b>OWNED AND RENTED LAND</b>								
Land owned .....	farms.. 6 597	5 044	1 530	23	2 795	1 765	1 010	20
acres.. 27 710 007	24 616 714	3 070 807	22 486	25 069 250	22 103 184	2 959 445	6 621	
Owned land in farms .....	farms.. 6 574	5 044	1 530	-	2 775	1 765	1 010	-
acres.. 26 464 825	23 429 445	3 035 380	-	24 749 004	21 824 297	2 924 707	-	
Land rented or leased from others .....	farms.. 2 656	31	1 530	1 095	1 838	23	1 010	805
acres.. 10 152 440	110 814	7 761 935	2 279 691	9 172 524	99 103	7 123 399	1 950 022	
Rented or leased land in farms .....	farms.. 2 625	-	1 530	1 095	1 815	-	1 010	805
acres.. 9 822 969	-	7 623 910	2 199 059	8 941 060	-	7 066 828	1 874 232	
Land rented or leased to others .....	farms.. 504	321	115	68	310	156	92	62
acres.. 1 574 653	1 298 083	173 452	103 118	551 710	377 990	91 309	82 411	
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	4 679	3 288	1 027	364	1 838	953	645	240
Not on farm operated .....	2 469	1 369	432	668	1 496	649	321	526
Not reported .....	521	387	71	63	246	163	44	39
Operators by principal occupation:								
Farming .....	3 782	2 051	982	749	2 588	1 121	815	652
Other .....	3 887	2 993	548	346	992	644	195	153
Operators by days of work off farm								
None .....	2 830	1 658	679	493	1 812	801	572	439
Any .....	4 423	3 115	763	545	1 503	808	377	318
1 to 99 days .....	691	409	160	122	348	153	106	89
100 to 199 days .....	735	496	141	98	311	161	93	57
200 days or more .....	2 997	2 210	462	325	844	494	178	172
Not reported .....	416	271	88	57	265	156	61	48
Operators by years on present farm								
2 years or less .....	725	384	77	264	361	95	45	221
3 or 4 years .....	803	516	107	180	341	159	61	121
5 to 9 years .....	1 628	1 101	306	221	685	351	176	158
10 years or more .....	3 165	2 069	834	262	1 609	813	594	202
Average years on present farm .....	13.4	13.2	17.3	8.6	15.0	15.9	18.7	8.6
Not reported .....	1 348	974	206	168	584	347	134	103
Operators by age group:								
Under 25 years .....	86	40	3	43	46	14	2	30
25 to 34 years .....	691	313	134	244	363	104	81	178
35 to 44 years .....	1 768	1 189	297	282	735	354	189	192
45 to 49 years .....	968	686	180	102	393	203	115	75
50 to 54 years .....	952	640	192	120	437	205	134	98
55 to 59 years .....	968	650	224	94	469	247	145	76
60 to 64 years .....	874	584	204	86	459	253	147	59
65 to 69 years .....	623	437	124	62	300	158	93	49
70 years and over .....	739	505	172	62	378	227	103	48
Average age .....	51.5	52.3	53.0	45.7	52.0	53.9	53.2	46.2
Operators by sex								
Male .....	6 806	4 351	1 434	1 021	3 344	1 621	958	765
Female .....	863	693	96	74	236	144	52	40
Operators of Spanish origin (see text) .....	363	226	83	54	168	75	51	42
<b>FARMS BY TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) .....	farms.. 5 356	3 760	1 007	589	1 936	1 011	556	369
acres.. 6 170 484	1 394 680	4 089 054	686 750	5 017 187	1 006 917	3 624 389	355 881	
Partnership .....	farms.. 1 369	731	316	322	963	415	271	277
acres.. 4 574 856	437 391	3 046 043	1 091 422	4 417 953	363 942	2 985 522	1 068 489	
Corporation:								
Family held .....	farms.. 609	327	156	126	456	204	141	111
acres.. 2 836 580	412 270	2 087 988	336 322	2 746 206	386 659	2 023 814	335 733	
More than 10 stockholders .....	farms.. 17	9	7	1	15	8	6	1
10 or less stockholders .....	farms.. 592	318	149	125	441	196	135	110
Other than family held .....	farms.. 115	40	30	45	100	29	28	43
acres.. 1 117 865	42 577	1 052 394	22 894	1 113 143	41 951	(D)	(D)	
More than 10 stockholders .....	farms.. 25	10	8	7	21	8	8	5
10 or less stockholders .....	farms.. 90	30	22	38	79	21	20	38
Other—cooperative, estate or trust,								
institutional, etc. ....	farms.. 220	186	21	13	125	106	14	5
acres.. 21 588 009	21 142 527	383 811	61 671	20 395 575	20 024 828	(D)	(D)	

See footnotes at end of table

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	2 158	1 928	94	136	313	263	15	35
10 to 49 acres .....	1 510	1 197	164	149	464	334	44	86
50 to 69 acres .....	256	180	37	39	109	74	14	21
70 to 99 acres .....	314	231	42	41	161	111	19	31
100 to 139 acres .....	247	146	49	52	137	63	33	41
140 to 179 acres .....	316	227	55	34	185	125	33	27
180 to 219 acres .....	166	90	36	40	104	46	23	35
220 to 259 acres .....	131	66	26	39	101	45	20	36
260 to 499 acres .....	613	291	161	161	480	188	122	152
500 to 999 acres .....	678	259	242	177	512	178	171	163
1,000 to 1,999 acres .....	436	151	169	116	342	111	129	102
2,000 acres or more .....	844	278	455	111	692	229	387	76
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	71	32	20	19	44	14	15	15
Field crops, except cash grains (013) .....	1 540	565	407	568	1 267	360	368	539
Cotton (0131) .....	1 016	270	290	456	1 001	255	290	456
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Insh potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	524	295	117	112	266	105	78	83
Vegetables and melons (016) .....	175	73	49	53	155	56	46	53
Fruits and tree nuts (017) .....	780	681	62	37	334	271	40	23
Horticultural specialties (018) .....	182	119	25	38	132	77	22	33
General farms, primarily crop (019) .....	98	58	28	12	48	18	22	8
Livestock, except dairy, poultry, and animal specialties (021) .....	3 190	2 174	774	242	1 290	756	447	87
Beef cattle, except feedlots (0212) .....	2 641	1 726	710	205	1 127	641	419	67
Dairy farms (024) .....	142	88	26	28	139	85	26	28
Poultry and eggs (025) .....	67	58	3	6	9	3	1	5
Animal specialties (027) .....	1 351	1 146	116	89	159	123	22	14
General farms, primarily livestock and animal specialties (029) .....	73	50	20	3	3	2	1	-
<b>LIVESTOCK</b>								
Cattle and calves inventory .....	3 521	2 341	889	291	1 558	893	541	124
Farms with— .....	1 110 912	543 796	407 102	160 014	1 071 992	517 860	397 854	156 278
1 to 9 .....	986	783	130	73	90	51	28	11
10 to 49 .....	1 098	731	273	94	197	113	72	12
50 to 99 .....	367	228	96	43	233	149	62	22
100 to 199 .....	296	170	104	22	275	160	95	20
200 to 499 .....	396	227	142	27	387	219	141	27
500 or more .....	378	202	144	32	376	201	143	32
Cows and heifers that had calved .....	2 738	1 732	774	232	1 342	753	486	103
Beef cows .....	421 131	245 435	139 492	36 204	400 925	232 675	134 321	33 929
Farms with— .....	2 497	1 566	732	199	1 201	665	461	75
1 to 9 .....	334 851	192 464	123 834	18 553	314 998	179 963	118 736	16 299
10 to 49 .....	759	557	142	60	75	39	27	9
50 to 99 .....	780	485	217	78	224	135	75	14
100 to 199 .....	245	148	73	24	202	123	64	15
200 to 499 .....	275	145	117	13	265	139	113	13
500 or more .....	287	153	117	17	285	152	116	17
Milk cows .....	151	78	66	7	150	77	66	7
Heifers and heifer calves .....	476	313	115	48	262	153	74	35
Farms with— .....	86 280	52 971	15 658	17 651	85 927	52 712	15 585	17 630
1 to 4 .....	305	208	77	20	102	57	38	7
5 to 9 .....	27	19	8	-	17	11	6	-
10 to 49 .....	17	12	5	-	16	11	5	-
50 to 99 .....	4	2	1	1	4	2	1	1
100 to 199 .....	12	7	3	2	12	7	3	2
200 to 499 .....	44	22	9	13	44	22	9	13
500 or more .....	67	43	12	12	67	43	12	12
Heifers and heifer calves .....	2 540	1 651	695	194	1 183	674	429	80
Steers, steer calves, bulls, and bull calves .....	160 302	89 990	54 072	16 240	151 324	83 650	52 087	15 587
Cattle and calves sold .....	3 302	2 159	868	275	1 589	916	545	128
Farms with— .....	1 009 492	461 224	373 728	174 540	991 912	449 432	369 629	172 851
1 to 4 .....	506 565	206 031	198 932	101 602	501 379	202 514	197 777	101 087
5 to 9 .....	2 252	1 461	610	181	1 107	640	379	88
10 to 49 .....	218 160	145 016	57 634	15 510	207 772	138 057	55 121	14 594
50 to 99 .....	54 685	36 174	15 763	2 747	52 313	34 566	15 231	2 516
100 to 199 .....	2 587	1 645	717	225	1 373	787	478	108
200 to 499 .....	791 332	316 208	316 094	159 030	784 140	311 375	314 508	158 257
500 or more .....	451 880	169 857	183 168	98 855	449 065	167 948	182 546	98 571
Fattened on grain and concentrates .....	314	230	58	26	132	84	34	14
1,000 .....	508 829	176 351	196 740	135 738	508 289	175 903	196 682	135 704
2,000 .....	310 168	111 444	130 640	88 084	329 672	111 200	130 603	88 070

See footnotes at end of table

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>LIVESTOCK—Con.</b>								
Hogs and pigs inventory----- farms--	331	259	54	18	100	65	23	12
number--	135 414	107 825	15 454	12 135	133 960	106 569	15 282	12 109
Farms with--								
1 to 24-----	266	212	43	11	47	28	14	5
25 to 49-----	17	14	3	-	8	7	1	-
50 to 99-----	7	7	-	-	4	4	-	-
100 to 199-----	7	5	2	-	7	5	2	-
200 to 499-----	9	5	2	2	9	5	2	2
500 or more-----	25	16	4	5	25	16	4	5
Used or to be used for breeding----- farms--	140	107	22	11	64	43	12	9
number--	14 863	11 796	1 363	1 704	14 596	11 568	(D)	(D)
Other----- farms--	312	241	54	17	99	64	23	12
number--	120 551	96 029	14 091	10 431	119 364	95 001	(D)	(D)
Hogs and pigs sold----- farms--	242	189	37	16	89	62	17	10
number--	237 623	200 990	17 960	18 673	235 677	199 378	17 683	18 616
\$1,000-----	26 953	22 938	2 143	1 872	26 781	22 793	2 123	1 866
Feeder pigs----- farms--	46	34	10	2	18	11	5	2
number--	24 744	20 357	(D)	(D)	23 948	19 714	(D)	(D)
\$1,000-----	1 154	969	(D)	(D)	1 128	948	(D)	(D)
Litters of pigs farrowed between--								
Dec. 1 of preceding year and Nov. 30----- farms--	146	112	24	10	67	47	12	8
number--	29 211	24 001	2 756	2 454	28 900	23 741	(D)	(D)
Dec. 1 and May 31----- farms--	134	102	22	10	65	45	12	8
number--	15 167	12 569	1 350	1 248	14 997	12 424	(D)	(D)
June 1 and Nov. 30----- farms--	108	84	15	9	57	41	8	8
number--	14 044	11 432	1 406	1 206	13 903	11 317	(D)	(D)
Sheep and lambs of all ages inventory----- farms--	456	357	57	42	109	71	23	15
number--	301 279	236 081	36 343	28 855	291 583	228 498	35 845	27 240
Ewes 1 year old or older----- farms--	381	301	44	36	90	59	19	12
number--	164 290	128 572	22 194	13 524	159 519	125 027	21 922	12 570
Sheep and lambs sold----- farms--	395	316	41	38	93	63	17	13
number--	116 165	70 113	30 862	15 190	111 006	65 779	30 591	14 636
Sheep and lambs shorn----- farms--	339	271	35	33	81	53	18	10
number--	228 471	184 254	27 143	17 074	222 065	179 175	26 851	16 039
pounds of wool--	1 931 271	1 584 794	224 695	121 782	1 888 308	1 551 931	223 013	113 364
Horses and ponies inventory----- farms--	3 566	2 570	747	249	1 185	694	411	80
number--	70 550	60 991	7 352	2 207	53 722	47 278	5 140	1 304
Horses and ponies sold----- farms--	1 088	840	180	68	328	207	99	22
number--	8 777	7 487	813	477	6 938	6 003	588	347
Goats inventory----- farms--	371	308	42	21	71	54	12	5
number--	116 899	114 977	1 091	831	111 766	110 645	781	340
Goats sold----- farms--	159	136	15	8	30	23	5	2
number--	26 363	26 084	207	72	23 512	23 434	(D)	(D)
<b>POULTRY</b>								
Chickens 3 months old or older inventory----- farms--	741	578	135	28	145	92	44	9
number--	331 462	20 435	2 870	308 157	(D)	6 117	(D)	307 796
Farms with--								
1 to 399-----	736	576	135	25	140	90	44	6
400 to 3,199-----	2	2	-	-	2	2	-	-
3,200 to 9,999-----	-	-	-	-	-	-	-	-
10,000 to 19,999-----	-	-	-	-	-	-	-	-
20,000 to 49,999-----	1	-	-	1	1	-	-	1
50,000 to 99,999-----	1	-	-	1	1	-	-	1
100,000 or more-----	1	-	-	1	1	-	-	1
Hens and pullets of laying age----- farms--	734	572	135	27	144	91	44	9
number--	329 318	18 611	2 593	308 114	(D)	5 885	(D)	307 796
Pullets 3 months old or older not of laying age----- farms--	146	115	27	4	23	14	9	-
number--	2 144	1 824	277	43	299	232	67	-
Hens and pullets sold----- farms--	70	53	9	8	16	10	1	5
number--	325 609	30 593	208	294 608	323 299	(D)	(D)	294 766
Broilers and other meat-type chickens sold----- farms--	23	18	4	1	3	1	1	1
number--	(D)	861	50 060	(D)	(D)	(D)	(D)	(D)
Farms with--								
1 to 1,999-----	21	18	3	-	1	1	-	-
2,000 to 59,999-----	1	-	1	-	1	-	1	-
60,000 to 99,999-----	-	-	-	-	-	-	-	-
100,000 or more-----	1	-	-	1	1	-	-	1
Turkey hens kept for breeding----- farms--	31	24	7	-	5	4	1	-
number--	182	143	39	-	33	(D)	(D)	-
Turkeys sold----- farms--	19	14	5	-	6	3	-	-
number--	(D)	(D)	15 018	-	(D)	21	(D)	-

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>CROPS HARVESTED</b>								
Corn for grain or seed	farms... 166	96	51	19	105	51	40	14
	acres... 12 794	6 096	4 886	1 812	12 406	5 796	4 862	1 748
	bushels... 1 530 568	617 574	642 445	270 549	1 506 470	600 480	641 649	264 341
Irrigated	farms... 132	70	44	18	95	43	38	14
	acres... 10 706	4 041	4 856	1 809	10 437	3 841	4 848	1 748
Corn for silage or green chop	farms... 121	48	51	22	97	27	48	22
	acres... 8 781	2 041	4 913	1 827	8 592	1 869	4 896	1 827
	tons, green... 190 335	43 491	101 138	45 706	186 960	40 288	100 966	45 706
Irrigated	farms... 121	48	51	22	97	27	48	22
	acres... 8 781	2 041	4 913	1 827	8 592	1 869	4 896	1 827
Sorghum for grain or seed	farms... 39	19	14	6	37	18	13	6
	acres... 3 242	1 556	1 164	522	(D)	(D)	(D)	522
	bushels... 249 319	111 097	86 477	51 745	(D)	(D)	(D)	51 745
Irrigated	farms... 39	19	14	6	37	18	13	6
	acres... 3 242	1 556	1 164	522	(D)	(D)	(D)	522
Wheat for grain	farms... 443	132	166	145	419	115	161	143
	acres... 97 407	30 868	41 351	25 188	97 092	(D)	41 271	(D)
	bushels... 7 991 708	2 679 238	3 215 412	2 097 058	7 977 629	(D)	3 209 345	(D)
Irrigated	farms... 433	124	164	145	413	110	160	143
	acres... 96 947	30 447	41 312	25 188	96 696	(D)	41 236	(D)
Farms by acres harvested								
1 to 24 acres	64	33	19	12	43	18	15	10
25 to 99 acres	158	41	56	61	155	39	55	61
100 to 249 acres	136	34	56	46	136	34	56	46
250 to 499 acres	57	17	24	16	57	17	24	16
500 acres or more	28	7	11	10	28	7	11	10
Barley for grain	farms... 168	47	67	54	159	43	62	54
	acres... 14 654	3 748	6 601	4 305	14 505	3 669	6 531	4 305
	bushels... 1 365 067	355 064	597 920	412 083	1 354 329	347 147	595 099	412 083
Irrigated	farms... 168	47	67	54	159	43	62	54
	acres... 14 654	3 748	6 601	4 305	14 505	3 669	6 531	4 305
Cotton	farms... 1 199	325	371	503	1 179	307	369	503
	acres... 381 733	96 011	135 266	150 456	381 482	(D)	(D)	150 456
	bales... 1 005 493	248 494	351 364	405 635	1 005 245	(D)	(D)	405 635
Irrigated	farms... 1 199	325	371	503	1 179	307	369	503
	acres... 381 733	96 011	135 266	150 456	381 482	(D)	(D)	150 456
Farms by acres harvested								
1 to 24 acres	58	30	13	15	42	16	11	15
25 to 99 acres	239	89	52	98	235	85	52	98
100 to 249 acres	392	98	129	165	392	98	129	165
250 to 499 acres	317	67	102	148	317	67	102	148
500 acres or more	193	41	75	77	193	41	75	77
Irish potatoes	farms... 28	8	14	6	23	6	11	6
	acres... 3 618	(D)	2 154	(D)	3 615	(D)	2 152	(D)
	cwt... 927 389	(D)	509 229	(D)	927 181	(D)	509 121	(D)
Irrigated	farms... 28	8	14	6	23	6	11	6
	acres... 3 618	(D)	2 154	(D)	3 615	(D)	2 152	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms... 1 402	709	465	228	835	311	344	180
	acres... 181 319	53 731	76 905	50 683	174 067	48 992	75 367	49 708
	tons, dry... 1 040 321	269 569	433 492	337 260	1 020 095	256 008	429 132	334 955
Irrigated	farms... 1 373	689	457	227	818	302	336	180
	acres... 178 577	52 274	75 624	50 679	171 542	47 720	74 114	49 708
Farms by acres harvested								
1 to 24 acres	653	441	172	40	157	84	67	6
25 to 99 acres	396	171	139	86	328	131	123	74
100 to 249 acres	171	56	68	47	169	56	68	45
250 to 499 acres	97	23	44	30	96	22	44	30
500 acres or more	85	18	42	25	85	18	42	25
Alfalfa hay	farms... 1 148	563	390	195	692	248	290	154
	acres... 136 959	40 871	54 576	41 512	131 911	37 641	53 392	40 878
	tons, dry... 909 135	227 839	373 607	307 689	892 358	216 665	369 932	305 761
Irrigated	farms... 1 148	563	390	195	692	248	290	154
	acres... 136 959	40 871	54 576	41 512	131 911	37 641	53 392	40 878
Vegetables harvested for sale (see text)	farms... 328	135	101	92	283	97	94	92
	acres... 98 138	10 232	49 440	38 466	98 065	10 170	49 428	38 466
Irrigated	farms... 328	135	101	92	283	97	94	92
	acres... 98 138	10 232	49 440	38 466	98 065	10 170	49 428	38 466
Farms by acres harvested								
0.1 to 4.9 acres	58	46	12	-	18	12	6	-
5.0 to 24.9 acres	64	34	12	12	59	30	17	12
25.0 to 99.9 acres	97	38	26	33	97	38	26	33
100.0 to 249.9 acres	42	9	16	17	42	9	16	17
250.0 acres or more	67	8	29	30	67	8	29	30
Land in orchards	farms... 1 141	938	147	56	506	368	99	39
	acres... 74 921	43 443	25 887	5 591	69 488	38 544	25 553	5 392
Irrigated	farms... 1 141	938	147	56	506	368	99	39
	acres... 74 921	43 443	25 887	5 591	69 488	38 544	25 553	5 392
Farms by bearing and nonbearing acres								
0.1 to 4.9 acres	430	368	52	10	69	47	21	1
5.0 to 24.9 acres	387	332	35	20	160	124	23	13
25.0 to 99.9 acres	206	162	27	17	163	125	22	16
100.0 to 249.9 acres	69	48	17	4	65	44	17	4
250.0 acres or more	49	28	16	5	49	28	16	5
All citrus fruit	farms... 546	462	67	17	294	232	49	13
Bearing and nonbearing	acres... 40 791	27 232	12 527	1 032	38 798	25 351	12 425	1 022

<sup>1</sup>Data are based on a sample of farms<sup>2</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000



Table 49. Summary by Type of Organization: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other— cooperative, estate or trust, institutional, etc
				Total	Family held		Other than family held		
					Total	10 or less stock- holders	Total	10 or less stock- holders	
FARMS AND LAND IN FARMS									
Farms.....number.....	7 669	5 356	1 369	724	609	592	115	90	220
.....percent.....	100.0	69.8	17.9	9.4	7.9	7.7	1.5	1.2	2.9
Land in farms.....acres.....	36 287 794	6 170 484	4 574 856	3 954 445	2 836 580	2 746 444	1 117 865	498 287	21 588 009
Average size of farm.....acres.....	4 732	1 152	3 342	5 462	4 658	4 639	9 721	5 537	98 127
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text).....farms.....	7 669	5 356	1 369	724	609	592	115	90	220
.....\$1,000.....	1 628 544	359 901	406 733	782 721	625 699	619 700	157 022	139 535	79 188
Average per farm.....dollars.....	212 354	67 196	297 102	1 081 107	1 027 420	1 046 791	1 365 413	1 550 386	359 946
Farms by value of sales									
Less than \$1,000 (see text).....	1 458	1 216	149	55	48	47	7	5	38
\$1,000 to \$2,499.....	1 036	891	95	25	23	23	2	1	25
\$2,500 to \$4,999.....	820	701	67	38	35	34	3	2	14
\$5,000 to \$9,999.....	775	612	95	50	47	47	3	3	18
\$10,000 to \$19,999.....	587	446	91	35	28	28	7	6	15
\$20,000 to \$24,999.....	170	120	31	14	13	13	1	1	5
\$25,000 to \$39,999.....	392	274	84	29	28	26	1	1	5
\$40,000 to \$49,999.....	191	109	47	27	27	27	-	-	8
\$50,000 to \$99,999.....	533	303	137	74	61	58	13	10	19
\$100,000 to \$249,999.....	681	361	169	127	100	97	27	25	24
\$250,000 to \$499,999.....	471	187	186	83	72	68	11	9	15
\$500,000 to \$999,999.....	267	75	119	62	50	48	12	5	11
\$1,000,000 or more.....	288	61	99	105	77	76	28	22	23
Grains.....farms.....	595	275	201	96	87	82	9	6	23
.....\$1,000.....	35 282	9 208	10 363	12 310	9 789	9 504	2 520	2 436	3 401
Sales of \$50,000 or more.....farms.....	164	47	69	36	32	30	4	4	12
.....\$1,000.....	27 853	5 913	7 580	11 070	(D)	(D)	(D)	(D)	3 290
Corn for grain.....farms.....	108	80	22	5	4	4	1	1	1
.....\$1,000.....	3 412	2 233	995	(D)	(D)	(D)	(D)	(D)	(D)
Wheat.....farms.....	432	169	164	80	72	67	8	5	19
.....\$1,000.....	27 541	5 803	7 465	11 417	(D)	8 707	(D)	(D)	2 857
Soybeans.....farms.....	-	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-	-
Sorghum for grain.....farms.....	36	19	8	5	5	4	-	-	4
.....\$1,000.....	516	223	153	63	63	(D)	-	-	77
Barley.....farms.....	161	68	57	28	28	26	-	-	8
.....\$1,000.....	3 243	745	1 463	575	575	(D)	-	-	460
Oats.....farms.....	22	10	9	1	1	1	-	-	2
.....\$1,000.....	224	(D)	97	(D)	(D)	(D)	-	-	(D)
Other grains.....farms.....	14	8	5	1	-	-	1	1	-
.....\$1,000.....	347	(D)	190	(D)	-	-	(D)	(D)	-
Cotton and cottonseed.....farms.....	1 197	574	435	167	137	133	30	26	21
.....\$1,000.....	361 558	101 088	172 670	67 889	57 931	56 866	9 958	9 174	19 911
Sales of \$50,000 or more.....farms.....	1 015	447	396	154	127	123	27	23	18
.....\$1,000.....	357 319	98 204	171 743	67 508	57 632	56 567	9 876	9 092	19 865
Tobacco.....farms.....	-	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	981	646	201	106	94	89	12	8	28
.....\$1,000.....	74 244	24 951	21 083	20 537	18 686	18 054	1 851	904	7 673
Sales of \$50,000 or more.....farms.....	279	132	76	60	52	50	8	5	11
.....\$1,000.....	66 206	19 703	19 180	19 769	17 994	(D)	1 775	868	7 555
Vegetables, sweet corn, and melons.....farms.....	328	159	65	79	61	61	18	16	25
.....\$1,000.....	240 925	43 651	33 959	149 221	122 576	122 576	26 646	(D)	14 093
Sales of \$50,000 or more.....farms.....	177	63	44	56	41	41	15	14	14
.....\$1,000.....	238 695	42 663	33 613	148 509	121 928	121 928	26 580	(D)	13 910
Fruits, nuts, and berries.....farms.....	798	518	184	66	50	49	16	11	30
.....\$1,000.....	111 422	20 493	24 655	65 206	28 785	(D)	36 421	32 314	1 069
Sales of \$50,000 or more.....farms.....	173	71	61	36	26	25	10	7	5
.....\$1,000.....	105 190	16 439	23 111	64 788	28 453	(D)	36 335	32 277	852
Nursery and greenhouse crops.....farms.....	211	104	31	70	49	48	21	17	6
.....\$1,000.....	61 053	12 180	10 835	37 717	26 032	(D)	11 685	6 488	320
Sales of \$50,000 or more.....farms.....	94	30	21	41	27	26	14	10	2
.....\$1,000.....	59 505	11 263	(D)	37 202	25 666	(D)	11 536	6 340	(D)
Other crops.....farms.....	79	25	34	16	10	10	6	4	4
.....\$1,000.....	12 197	(D)	5 431	5 296	1 645	1 645	3 651	(D)	(D)
Sales of \$50,000 or more.....farms.....	26	7	10	8	4	4	4	4	1
.....\$1,000.....	11 685	(D)	5 257	5 183	(D)	(D)	(D)	(D)	(D)
Poultry and poultry products.....farms.....	257	228	15	13	12	12	1	1	1
.....\$1,000.....	4 553	(D)	178	(D)	(D)	(D)	(D)	(D)	(D)
Sales of \$50,000 or more.....farms.....	6	-	1	5	4	4	1	1	-
.....\$1,000.....	4 389	-	(D)	(D)	3 300	3 300	(D)	(D)	-
Dairy products.....farms.....	169	96	44	24	20	19	4	2	5
.....\$1,000.....	168 400	57 182	63 366	(D)	40 651	(D)	(D)	(D)	(D)
Sales of \$50,000 or more.....farms.....	131	63	40	23	19	18	4	2	5
.....\$1,000.....	168 108	56 927	63 350	(D)	(D)	(D)	(D)	(D)	(D)
Cattle and calves.....farms.....	3 302	2 411	481	272	242	235	30	21	138
.....\$1,000.....	506 565	73 453	53 915	355 680	299 265	298 456	56 415	53 864	23 516
Sales of \$50,000 or more.....farms.....	635	253	171	149	127	122	22	16	62
.....\$1,000.....	482 080	56 323	48 963	354 069	297 754	296 979	56 316	53 813	22 726

See footnotes at end of table

Table 49. **Summary by Type of Organization: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other — cooperative, estate or trust, institutional, etc
				Total	Family held		Other than family held		
					Total	10 or less stock- holders	Total	10 or less stock- holders	

MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs ----- farms..	242	196	27	13	12	12	1	-	6
----- \$1,000..	26 953	6 099	6 280	13 990	(D)	(D)	(D)	-	584
Sales of \$50,000 or more ----- farms..	36	22	7	5	4	4	1	-	2
----- \$1,000..	26 355	(D)	6 245	13 920	(D)	(D)	(D)	-	(D)
Sheep, lambs, and wool ----- farms..	422	323	43	13	13	13	-	-	43
----- \$1,000..	9 245	2 382	2 870	771	771	771	-	-	3 222
Sales of \$50,000 or more ----- farms..	35	9	11	2	2	2	-	-	13
----- \$1,000..	8 700	(D)	2 793	(D)	(D)	(D)	-	-	3 150
Other livestock and livestock products (see text) ----- farms..	1 449	1 127	168	110	100	99	10	8	44
----- \$1,000..	16 148	7 750	1 127	3 992	(D)	(D)	(D)	(D)	3 280
Sales of \$50,000 or more ----- farms..	43	17	5	10	8	8	2	1	11
----- \$1,000..	10 652	3 677	396	3 447	(D)	(D)	(D)	(D)	3 131
FARM PRODUCTION EXPENSES <sup>1</sup>									
Total farm production expenses ----- farms..	7 673	5 387	1 305	695	557	541	138	106	286
----- \$1,000..	1 301 666	296 313	301 617	647 790	524 631	520 403	123 159	108 875	55 946
Average per farm ----- dollars..	169 642	55 005	231 124	932 073	941 887	961 927	892 459	1 027 124	195 616
Livestock and poultry purchased ----- farms..	2 343	1 708	302	223	175	172	48	35	110
----- \$1,000..	244 484	27 484	18 894	192 680	164 855	164 800	27 825	27 621	5 426
Farms with expenses of—									
\$1 to \$4,999 ----- farms..	1 471	1 213	134	67	44	44	23	21	57
\$5,000 to \$24,999 ----- farms..	503	327	82	66	56	54	10	1	28
\$25,000 to \$99,999 ----- farms..	227	116	42	51	44	43	7	5	18
\$100,000 or more ----- farms..	142	52	44	39	31	31	8	8	7
Feed for livestock and poultry ----- farms..	4 084	3 084	501	330	272	261	58	44	169
----- \$1,000..	208 527	43 071	42 869	116 138	100 790	99 671	15 348	13 344	6 450
Farms with expenses of—									
\$1 to \$4,999 ----- farms..	3 004	2 480	273	146	115	107	31	30	105
\$5,000 to \$24,999 ----- farms..	733	461	134	107	93	91	14	6	31
\$25,000 to \$99,999 ----- farms..	152	75	37	27	22	22	5	2	13
\$100,000 or more ----- farms..	195	68	57	50	42	41	8	6	20
Commercially mixed formula feeds ----- farms..	1 567	1 214	161	144	114	103	30	20	48
----- \$1,000..	60 742	15 739	19 908	24 085	18 556	18 157	5 529	4 407	1 010
Farms with expenses of—									
\$1 to \$4,999 ----- farms..	1 231	1 058	86	64	50	41	14	14	23
\$5,000 to \$24,999 ----- farms..	153	80	25	36	29	28	7	-	12
\$25,000 to \$79,999 ----- farms..	70	37	12	11	9	9	2	1	10
\$80,000 or more ----- farms..	113	39	38	33	26	25	7	5	3
Seeds, bulbs, plants, and trees ----- farms..	2 374	1 443	544	331	253	248	78	63	56
----- \$1,000..	17 741	5 035	4 909	6 995	5 768	5 670	1 227	980	802
Farms with expenses of—									
\$1 to \$999 ----- farms..	1 023	773	130	108	68	67	40	39	12
\$1,000 to \$4,999 ----- farms..	768	474	185	88	85	84	3	1	21
\$5,000 to \$24,999 ----- farms..	470	172	189	93	66	64	27	16	16
\$25,000 or more ----- farms..	113	24	40	42	34	33	8	7	7
Commercial fertilizer ----- farms..	3 075	1 904	736	366	279	273	87	72	69
----- \$1,000..	51 672	15 175	15 755	17 336	14 204	14 066	3 132	2 722	3 407
Farms with expenses of—									
\$1 to \$4,999 ----- farms..	1 753	1 302	303	124	96	94	28	26	24
\$5,000 to \$24,999 ----- farms..	906	478	262	144	105	103	39	31	22
\$25,000 to \$49,999 ----- farms..	196	75	84	30	27	26	3	2	7
\$50,000 or more ----- farms..	220	49	87	68	51	50	17	13	16
Agricultural chemicals ----- farms..	3 253	2 093	713	376	279	272	97	79	71
----- \$1,000..	60 366	16 611	20 282	19 091	14 773	14 671	4 317	3 653	4 383
Farms with expenses of—									
\$1 to \$4,999 ----- farms..	1 954	1 480	306	134	99	95	35	33	34
\$5,000 to \$24,999 ----- farms..	792	457	195	120	88	87	32	22	20
\$25,000 to \$49,999 ----- farms..	241	99	90	47	44	42	3	2	5
\$50,000 or more ----- farms..	266	57	122	75	48	48	27	22	12
Petroleum products ----- farms..	6 896	4 746	1 199	685	552	536	133	101	266
----- \$1,000..	44 554	15 801	12 545	12 416	10 051	9 846	2 365	1 911	3 792
Farms with expenses of—									
\$1 to \$4,999 ----- farms..	5 251	4 021	724	331	273	272	58	54	175
\$5,000 to \$24,999 ----- farms..	1 295	622	345	263	209	194	54	31	65
\$25,000 to \$49,999 ----- farms..	217	82	80	46	33	33	13	9	9
\$50,000 or more ----- farms..	133	21	50	45	37	37	8	7	17
Gasoline and gasohol ----- farms..	5 923	4 081	1 001	594	480	465	114	86	247
----- \$1,000..	16 532	6 424	4 036	3 855	3 211	3 087	643	464	2 217
Diesel fuel ----- farms..	3 603	2 256	764	462	377	362	85	65	121
----- \$1,000..	19 590	6 648	6 462	5 281	4 511	4 455	770	631	1 199
Natural gas ----- farms..	505	307	124	70	58	57	12	9	4
----- \$1,000..	3 600	1 047	691	1 854	1 166	(D)	688	638	7
LP gas, fuel oil, kerosene, motor oil, grease, etc ----- farms..	4 805	3 014	976	608	490	474	118	86	207
----- \$1,000..	4 833	1 682	1 356	1 426	1 163	(D)	264	178	369

See footnotes at end of table

**Table 49. Summary by Type of Organization: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other— cooperative, estate or trust, institutional, etc
				Total	Family held		Other than family held		
					Total	10 or less stock- holders	Total	10 or less stock- holders	
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>									
—Con.									
Total farm production expenses—Con.									
Electricity ----- farms...	4 870	3 300	868	538	443	433	95	73	164
----- \$1,000...	38 289	9 576	12 464	14 644	9 964	9 878	4 680	3 861	1 605
Farms with expenses of—									
\$1 to \$999 .....	2 812	2 271	327	149	124	122	25	24	65
\$1,000 to \$4,999 .....	1 257	701	301	190	161	157	29	24	65
\$5,000 to \$24,999 .....	543	267	139	117	96	93	21	11	20
\$25,000 or more .....	258	61	101	82	62	61	20	14	14
Hired farm labor ----- farms...	3 582	2 127	763	540	430	415	110	81	152
----- \$1,000...	207 689	46 197	47 893	100 403	78 611	77 382	21 792	17 612	13 196
Farms with expenses of—									
\$1 to \$4,999 .....	1 527	1 172	162	133	114	113	19	19	60
\$5,000 to \$24,999 .....	976	560	242	138	100	99	38	29	36
\$25,000 to \$99,999 .....	724	322	241	141	119	111	22	11	20
\$100,000 or more .....	355	73	118	128	97	92	31	22	36
Contract labor ----- farms...	1 728	949	432	304	229	228	75	60	43
----- \$1,000...	40 353	7 948	10 940	19 676	15 800	(D)	3 876	2 867	1 788
Farms with expenses of—									
\$1 to \$999 .....	419	276	93	41	25	25	16	16	9
\$1,000 to \$4,999 .....	631	413	114	98	75	75	23	16	6
\$5,000 to \$24,999 .....	487	196	177	94	77	76	17	14	20
\$25,000 or more .....	191	64	48	71	52	52	19	14	8
Repair and maintenance ----- farms...	6 001	4 090	1 054	651	525	509	126	94	206
----- \$1,000...	53 723	17 340	14 842	19 562	15 939	15 773	3 623	2 932	1 979
Farms with expenses of—									
\$1 to \$4,999 .....	4 497	3 448	591	338	278	269	60	56	120
\$5,000 to \$24,999 .....	1 051	490	299	192	150	145	42	23	70
\$25,000 to \$49,999 .....	234	89	88	48	42	41	6	2	9
\$50,000 or more .....	219	63	76	73	55	54	18	13	7
Customwork, machine hire, and rental of machinery and equipment ----- farms...	2 488	1 551	545	327	254	251	73	58	65
----- \$1,000...	35 038	10 003	14 785	9 639	7 639	7 603	2 000	1 585	611
Farms with expenses of—									
\$1 to \$999 .....	999	760	122	82	66	66	16	15	35
\$1,000 to \$4,999 .....	519	334	116	54	42	41	12	11	15
\$5,000 to \$24,999 .....	645	360	175	100	82	81	18	10	10
\$25,000 or more .....	325	97	132	91	64	63	27	22	5
Interest expense ----- farms...	3 465	2 189	745	431	348	337	83	66	100
----- \$1,000...	74 553	22 564	23 230	25 746	19 476	19 390	6 271	5 569	3 011
Farms with expenses of—									
\$1 to \$4,999 .....	1 834	1 357	262	152	116	107	36	33	63
\$5,000 to \$24,999 .....	1 106	666	285	139	127	127	12	11	16
\$25,000 to \$99,999 .....	393	134	152	90	62	60	28	16	17
\$100,000 or more .....	132	32	46	50	43	43	7	6	4
Secured by real estate ----- farms...	2 295	1 512	451	257	212	206	45	33	75
----- \$1,000...	47 071	14 875	14 287	16 141	11 570	11 552	4 571	4 144	1 768
Farms with expenses of—									
\$1 to \$999 .....	392	321	36	14	13	13	1	1	21
\$1,000 to \$4,999 .....	863	628	132	75	66	60	9	9	28
\$5,000 to \$24,999 .....	713	448	165	92	73	73	19	11	8
\$25,000 or more .....	327	115	118	76	60	60	16	12	18
Not secured by real estate ----- farms...	1 761	1 041	399	281	219	214	62	48	40
----- \$1,000...	27 482	7 689	8 944	9 605	7 906	7 838	1 700	1 425	1 244
Farms with expenses of—									
\$1 to \$999 .....	394	304	47	33	24	23	9	8	10
\$1,000 to \$4,999 .....	645	441	110	88	61	59	27	25	6
\$5,000 to \$24,999 .....	509	242	155	94	79	79	15	5	18
\$25,000 or more .....	213	54	87	66	55	53	11	10	6
Cash rent ----- farms...	1 780	1 096	421	252	190	189	62	53	11
----- \$1,000...	46 666	12 055	15 628	18 156	13 817	(D)	4 340	3 854	826
Farms with expenses of—									
\$1 to \$4,999 .....	871	632	124	112	87	87	25	23	3
\$5,000 to \$9,999 .....	278	186	57	33	19	19	14	13	2
\$10,000 to \$24,999 .....	259	135	77	45	38	37	7	4	2
\$25,000 or more .....	372	143	163	62	46	46	16	13	4
Property taxes ----- farms...	6 788	4 848	1 128	580	462	447	118	88	232
----- \$1,000...	21 154	8 196	6 223	5 815	4 726	4 652	1 088	822	921
Farms with expenses of—									
\$1 to \$4,999 .....	5 983	4 526	877	388	311	300	77	64	192
\$5,000 to \$9,999 .....	384	178	105	83	64	62	19	10	18
\$10,000 to \$24,999 .....	281	106	100	59	47	45	12	7	16
\$25,000 or more .....	140	38	46	50	40	40	10	7	6
All other farm production expenses ----- farms...	7 078	4 937	1 217	686	549	533	137	106	238
----- \$1,000...	156 858	39 257	40 358	69 493	48 220	47 414	21 273	19 542	7 750
Farms with expenses of—									
\$1 to \$4,999 .....	5 045	3 997	642	275	225	224	50	47	131
\$5,000 to \$24,999 .....	1 149	642	269	179	145	135	34	19	59
\$25,000 to \$49,999 .....	370	166	106	77	61	61	16	13	21
\$50,000 or more .....	514	132	200	155	118	113	37	27	27

See footnotes at end of table

Table 49. Summary by Type of Organization: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total	Individual or family	Partnership	Corporation					Other— cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stock- holders	Total	10 or less stock- holders	
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT <sup>1</sup>									
All farms..... number.....	7 673	5 387	1 305	695	557	541	138	106	286
..... \$1,000 .....	306 975	75 019	77 881	128 769	95 263	94 190	33 506	29 207	25 307
Average per farm..... dollars .....	40 007	13 926	59 679	185 279	171 029	174 103	242 798	275 540	88 484
Farms with net gains <sup>2</sup> ..... number.....	3 558	2 165	829	423	338	330	85	71	141
Average net gain..... dollars.....	97 044	44 999	105 145	316 506	294 209	297 808	405 173	418 703	190 154
Gain of—									
Less than \$1,000.....	512	411	65	18	16	16	2	2	18
\$1,000 to \$9,999.....	1 110	794	206	87	59	59	28	27	23
\$10,000 to \$49,999.....	898	543	212	103	90	89	13	11	38
\$50,000 or more.....	1 040	417	346	215	173	166	42	31	62
Farms with net losses..... number.....	4 115	3 222	476	272	219	211	53	35	145
Average net loss..... dollars.....	9 309	6 953	19 506	18 798	19 084	19 371	17 616	14 875	10 380
Loss of—									
Less than \$1,000.....	626	567	30	11	9	9	2	2	18
\$1,000 to \$9,999.....	2 568	2 077	226	157	133	132	24	22	108
\$10,000 to \$49,999.....	820	549	176	79	54	47	25	9	16
\$50,000 or more.....	101	29	44	25	23	23	2	2	3
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments..... farms.....	1 194	627	394	160	131	126	29	27	13
..... \$1,000 .....	58 034	18 643	28 611	8 488	6 559	6 483	1 928	(D)	2 292
Other farm-related income <sup>1</sup> ..... farms.....	942	706	148	84	59	58	25	23	4
..... \$1,000 .....	10 889	4 931	3 030	2 890	1 691	(D)	1 199	(D)	38
Customwork and other agricultural services..... farms.....	425	300	80	42	30	30	12	11	3
..... \$1,000 .....	3 631	1 925	711	(D)	660	660	(D)	(D)	(D)
Gross cash rent or share payments..... farms.....	326	248	49	29	18	17	11	10	-
..... \$1,000 .....	5 273	2 285	1 368	1 620	873	(D)	747	(D)	-
Forest products and Christmas trees..... farms.....	29	19	4	6	5	5	1	1	-
..... \$1,000 .....	682	(D)	523	(D)	(D)	(D)	(D)	(D)	-
Other farm-related income sources..... farms.....	215	164	31	19	18	18	1	1	1
..... \$1,000 .....	1 303	(D)	428	(D)	(D)	(D)	(D)	(D)	(D)
COMMODITY CREDIT CORPORATION LOANS									
Total..... farms.....	242	140	73	28	22	21	6	5	1
..... \$1,000 .....	13 464	4 289	(D)	2 948	2 489	(D)	459	(D)	(D)
Corn..... farms.....	20	14	5	1	-	-	1	1	-
..... \$1,000 .....	1 060	610	(D)	(D)	-	-	(D)	(D)	-
Wheat..... farms.....	31	11	15	5	4	4	1	1	-
..... \$1,000 .....	939	87	236	616	(D)	(D)	(D)	(D)	-
Soybeans..... farms.....	-	-	-	-	-	-	-	-	-
..... \$1,000 .....	-	-	-	-	-	-	-	-	-
Sorghum, berley, and oats..... farms.....	5	4	1	-	-	-	-	-	-
..... \$1,000 .....	21	(D)	(D)	-	-	-	-	-	-
Cotton..... farms.....	171	81	66	23	19	18	4	3	1
..... \$1,000 .....	10 465	(D)	5 310	2 313	(D)	(D)	(D)	(D)	(D)
Peanuts, rya, rice, tobacco, and honey..... farms.....	46	41	3	2	2	2	-	-	-
..... \$1,000 .....	978	769	(D)	(D)	(D)	(D)	-	-	-
LAND IN FARMS ACCORDING TO USE									
Total cropland..... farms.....	4 840	3 249	975	497	410	399	87	70	119
..... acres.....	1 453 852	501 485	495 923	342 631	259 460	255 470	83 171	73 662	113 813
Harvested cropland..... farms.....	3 646	2 291	838	419	341	330	78	62	98
..... acres.....	865 817	259 336	300 977	233 094	184 094	180 812	49 000	42 894	72 410
Farms by acres harvested:									
1 to 49 acres.....	1 924	1 462	273	137	115	113	22	15	52
50 to 99 acres.....	330	208	75	43	37	35	6	5	4
100 to 199 acres.....	383	234	90	50	38	37	12	11	9
200 to 499 acres.....	564	273	202	81	65	62	16	14	8
500 to 999 acres.....	267	82	123	54	44	42	10	7	8
1,000 to 1,999 acres.....	121	24	57	30	24	23	6	4	10
2,000 acres or more.....	57	8	18	24	18	18	6	6	7
Cropland									
Pasture or grazing only..... farms.....	1 551	1 236	189	97	90	87	7	7	29
..... acres.....	139 721	95 740	24 708	16 292	14 952	14 707	1 340	1 340	2 981
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured..... farms.....	201	127	46	21	18	18	3	2	7
..... acres.....	23 694	8 111	8 207	6 181	5 565	5 565	616	(D)	1 195
On which all crops failed..... farms.....	164	97	44	16	11	11	5	5	7
..... acres.....	5 445	2 170	2 508	486	263	263	223	223	281
In cultivated summer fallow..... farms.....	298	145	114	32	25	25	7	5	7
..... acres.....	85 416	24 659	39 234	20 200	18 558	18 558	1 642	(D)	1 323
Idle..... farms.....	1 443	814	394	191	150	146	41	33	44
..... eces.....	333 759	111 469	120 289	66 378	36 028	35 565	30 350	27 933	35 623
Total woodland..... farms.....	280	189	41	16	13	12	3	1	34
..... acres.....	4 106 447	25 843	27 385	5 859	5 832	(D)	27	(D)	4 047 360
Woodland pastured..... farms.....	190	125	23	12	11	10	1	-	30
..... acres.....	3 848 812	21 598	23 836	4 936	(D)	1 721	(D)	-	3 798 442
Woodland not pastured..... farms.....	109	74	21	6	4	4	2	1	8
..... acres.....	257 635	4 245	3 549	923	(D)	(D)	(D)	(D)	248 918

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation								Other — cooperative, estate or trust, institutional, etc
	Total	Individual or family	Partnership	Total	Family held		Other than family held		
					Total	10 or less stock- holders	Total	10 or less stock- holders	
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured .....	farms.. 2 399	1 649	390	241	215	210	26	19	119
acres.. 29 840 297	5 534 688	3 975 135	3 561 639	2 542 244	2 460 456	1 019 395	411 305	16 768 835	
Land in house lots, ponds, roads, wasteland, etc .....	farms.. 4 203	3 049	626	384	324	312	60	49	144
acres.. 887 198	108 468	76 413	44 316	29 044	(D)	15 272	(D)	658 001	
Cropland under federal acreage reduction programs									
Annual commodity acreage adjustment programs .....	farms.. 1 045	521	371	144	115	111	29	27	9
acres.. 119 003	38 152	57 826	18 104	13 519	13 215	4 585	(D)	4 921	
Conservation reserve program .....	farms.. 73	38	24	11	9	9	2	2	—
acres.. 13 988	5 126	6 957	1 905	(D)	(D)	(D)	(D)	(D)	—
Value of land and buildings¹ .....	farms.. 7 673	5 387	1 305	695	557	541	138	106	286
\$1,000.. 10 111 212	2 613 980	2 064 730	1 585 658	1 283 001	1 244 500	302 657	233 041	3 846 844	
Average per farm .....	dollars.. 1 317 765	485 239	1 582 169	2 281 522	2 303 413	2 300 370	2 193 167	2 198 500	13 450 503
Average per acre .....	dollars.. 279	428	458	391	442	444	261	469	178
Farms by value group									
\$1 to \$39,999 .....	1 356	1 109	152	24	21	21	3	2	71
\$40,000 to \$69,999 .....	618	474	85	48	33	33	15	15	31
\$70,000 to \$99,999 .....	562	457	63	34	34	33	—	—	8
\$100,000 to \$149,999 .....	790	623	113	52	41	41	11	9	2
\$150,000 to \$199,999 .....	564	433	106	22	16	16	6	6	3
\$200,000 to \$499,999 .....	1 597	1 201	231	142	120	118	22	21	23
\$500,000 to \$999,999 .....	817	489	187	112	84	81	28	17	29
\$1,000,000 to \$1,999,999 .....	577	303	174	79	59	58	20	10	21
\$2,000,000 to \$4,999,999 .....	522	253	123	114	92	85	22	18	32
\$5,000,000 or more .....	270	45	91	68	57	55	11	8	66
VALUE OF MACHINERY AND EQUIPMENT¹									
Estimated market value of all machinery and equipment .....	farms.. 7 635	5 360	1 305	684	548	532	136	104	286
\$1,000.. 425 285	167 056	107 857	116 552	94 697	93 120	21 855	17 216	33 820	
Farms by value group									
\$1 to \$4,999 .....	858	688	108	53	36	36	17	15	9
\$5,000 to \$9,999 .....	1 920	1 564	227	41	37	37	4	4	88
\$10,000 to \$19,999 .....	1 479	1 176	197	69	52	52	17	14	37
\$20,000 to \$49,999 .....	1 591	1 056	277	199	161	153	38	23	59
\$50,000 to \$99,999 .....	836	481	196	111	96	92	15	12	48
\$100,000 to \$199,999 .....	529	261	168	86	70	68	16	12	14
\$200,000 to \$499,999 .....	310	109	96	90	68	66	22	18	15
\$500,000 or more .....	112	25	36	35	28	28	7	6	16
SELECTED MACHINERY AND EQUIPMENT¹									
Motortrucks, including pickups .....	farms.. 6 890	4 833	1 160	629	505	489	124	93	268
number.. 16 570	9 092	3 359	2 498	1 988	1 944	510	367	1 621	
Wheel tractors .....	farms.. 5 398	3 644	1 018	568	461	448	107	82	168
number.. 13 364	7 039	3 247	2 330	1 809	1 778	521	397	748	
Less than 40 horsepower (PTO) .....	farms.. 3 014	2 155	453	289	233	223	56	45	117
number.. 4 492	2 882	715	539	399	385	140	111	356	
40 horsepower (PTO) or more .....	farms.. 3 426	2 095	831	407	328	322	79	64	93
number.. 8 872	4 157	2 532	1 791	1 410	1 393	381	286	392	
Grain and bean combines .....	farms.. 332	179	95	38	34	34	4	4	20
number.. 382	190	109	60	48	48	12	12	23	
Cottonpickers and strippers .....	farms.. 772	403	239	113	78	76	35	27	17
number.. 1 609	720	536	294	203	(D)	91	82	59	
Mower conditioners .....	farms.. 834	553	146	96	80	79	16	14	39
number.. 1 032	640	179	154	123	(D)	31	(D)	59	
Pickup balers .....	farms.. 827	572	143	84	72	69	12	11	28
number.. 1 138	752	185	132	110	106	22	(D)	69	
AGRICULTURAL CHEMICALS¹									
Commercial fertilizer .....	farms.. 3 074	1 904	736	366	279	273	87	72	68
acres on which used.. 814 565	252 488	261 736	226 353	175 849	174 526	50 504	43 484	73 988	
Lime .....	farms.. —	—	—	—	—	—	—	—	—
acres on which used.. —	—	—	—	—	—	—	—	—	—
tons.. —	—	—	—	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops .....	farms.. 2 228	1 286	573	321	235	231	86	69	48
acres on which used.. 677 844	201 424	223 747	193 705	149 802	148 189	43 903	37 123	58 968	
Nematodes in crops .....	farms.. 202	129	55	17	15	14	2	1	1
acres on which used.. 32 365	11 782	15 498	(D)	(D)	3 507	(D)	(D)	(D)	
Diseases in crops and orchards .....	farms.. 333	177	93	60	39	38	21	20	3
acres on which used.. 61 965	9 829	15 518	36 096	30 126	(D)	5 970	(D)	522	
Weeds, grass, or brush in crops and pasture .....	farms.. 1 770	1 026	441	265	215	210	50	42	38
acres on which used.. 538 181	158 455	169 218	156 638	126 271	124 603	30 367	26 723	53 870	
Chemicals for defoliation or for growth control of crops or thinning of fruit .....	farms.. 1 120	568	358	171	125	124	46	35	23
acres on which used.. 311 847	95 054	122 778	82 275	63 768	(D)	18 507	15 044	11 740	

See footnotes at end of table

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other — cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stock- holders	Total	10 or less stock- holders	
TENURE AND RACE OF OPERATOR									
All operators .....	7 669	5 356	1 369	724	609	592	115	90	220
Full owners .....	5 044	3 760	731	367	327	318	40	30	186
Part owners .....	1 530	1 007	316	186	156	149	30	22	21
Tenants .....	1 095	589	322	171	126	125	45	38	13
White .....	7 071	4 937	1 317	700	588	571	112	89	117
Full owners .....	4 599	3 457	702	349	310	301	39	30	91
Part owners .....	1 472	962	307	183	153	146	30	22	20
Tenants .....	1 000	518	308	168	125	124	43	37	6
Black and other races .....	598	419	52	24	21	21	3	1	103
Full owners .....	445	303	29	18	17	17	1	—	95
Part owners .....	58	45	9	3	3	3	—	—	1
Tenants .....	95	71	14	3	1	1	2	1	7
OWNED AND RENTED LAND									
Land owned .....	6 597	4 781	1 051	558	488	472	70	52	207
acres .....	27 710 007	2 941 817	1 313 740	1 693 288	1 225 821	(D)	467 467	163 766	21 761 162
Owned land in farms .....	6 574	4 767	1 047	553	483	467	70	52	207
acres .....	26 464 825	2 307 343	1 265 209	1 624 818	1 187 742	1 135 685	437 076	156 350	21 267 455
Land rented or leased from others .....	2 656	1 613	645	364	288	279	76	61	34
acres .....	10 152 440	3 965 839	3 476 768	2 388 203	1 701 045	1 633 246	687 158	346 041	321 630
Rented or leased land in farms .....	2 625	1 596	638	357	282	274	75	60	34
acres .....	9 822 969	3 863 141	3 309 647	2 329 627	1 648 838	1 610 759	680 789	341 937	320 554
Land rented or leased to others .....	504	318	108	67	50	48	17	12	11
acres .....	1 574 653	737 172	215 652	127 046	90 286	(D)	36 760	11 520	494 783
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated .....	4 679	3 567	639	335	296	289	39	28	138
Not on farm operated .....	2 469	1 431	638	334	262	252	72	60	66
Not reported .....	521	358	92	55	51	51	4	2	16
Operators by principal occupation:									
Farming .....	3 782	2 353	829	491	409	394	82	63	109
Other .....	3 887	3 003	540	233	200	198	33	27	111
Operators by days of work off farm:									
None .....	2 830	1 772	592	372	309	298	63	47	94
Any .....	4 423	3 307	702	314	268	262	46	38	100
1 to 99 days .....	691	461	139	72	57	55	15	14	19
100 to 199 days .....	735	536	126	53	42	40	11	8	20
200 days or more .....	2 997	2 310	437	189	169	167	20	16	61
Not reported .....	416	277	75	38	32	32	6	5	26
Operators by years on present farm:									
2 years or less .....	725	472	167	66	51	50	15	12	20
3 or 4 years .....	803	535	157	99	71	69	28	25	12
5 to 9 years .....	1 628	1 121	338	144	116	113	28	22	25
10 years or more .....	3 165	2 293	501	296	259	248	37	26	75
Average years on present farm .....	13.4	13.5	12.6	13.3	14.3	14.1	8.6	8.3	16.1
Not reported .....	1 348	935	206	119	112	112	7	5	88
Operators by age group:									
Under 25 years .....	86	72	14	—	—	—	—	—	—
25 to 34 years .....	691	452	154	66	52	48	14	11	19
35 to 44 years .....	1 768	1 240	319	168	144	142	24	15	41
45 to 49 years .....	968	713	143	84	68	67	16	13	28
50 to 54 years .....	952	676	166	86	68	67	18	15	24
55 to 59 years .....	968	670	155	107	90	87	17	15	36
60 to 64 years .....	874	582	165	91	75	73	16	12	36
65 to 69 years .....	623	426	127	55	47	45	8	7	15
70 years and over .....	739	525	126	67	65	63	2	2	21
Average age .....	51.5	51.5	51.1	51.9	52.3	52.3	49.9	50.6	52.8
Operators by sex:									
Male .....	6 806	4 689	1 257	660	552	536	108	83	200
Female .....	863	667	112	64	57	56	7	7	20
Operators of Spanish origin (see text) .....	363	272	57	33	31	30	2	1	1
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship) .....	5 356	5 356	—	—	—	—	—	—	—
acres .....	6 170 484	6 170 484	—	—	—	—	—	—	—
Partnership .....	1 369	—	1 369	—	—	—	—	—	—
acres .....	4 574 856	—	4 574 856	—	—	—	—	—	—
Corporation:									
Family held .....	609	—	—	609	609	592	—	—	—
acres .....	2 836 580	—	—	2 836 580	2 836 580	2 746 444	—	—	—
More than 10 stockholders .....	17	—	—	17	17	—	—	—	—
10 or less stockholders .....	592	—	—	592	592	592	—	—	—
Other than family held .....	115	—	—	115	—	—	115	90	—
acres .....	1 117 865	—	—	1 117 865	—	—	1 117 865	498 287	—
More than 10 stockholders .....	25	—	—	25	—	—	25	—	—
10 or less stockholders .....	90	—	—	90	—	—	90	90	—
Other—cooperative, estate or trust, institutional, etc .....	220	—	—	—	—	—	—	—	220
acres .....	21 588 009	—	—	—	—	—	—	—	21 588 009

See footnotes at end of table

Table 49. **Summary by Type of Organization: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Total	Corporation				Other — cooperative, estate or trust, institutional, etc
					Family held		Other than family held		
					Total	10 or less stock- holders	Total	10 or less stock- holders	
FARMS BY SIZE									
1 to 9 acres .....	2 158	1 785	227	106	96	95	10	10	40
10 to 49 acres .....	1 510	1 189	187	108	88	87	20	14	26
50 to 69 acres .....	256	183	53	17	12	11	5	3	3
70 to 99 acres .....	314	210	57	36	31	29	5	4	11
100 to 139 acres .....	247	177	46	17	15	15	2	2	7
140 to 179 acres .....	316	208	67	41	38	37	3	2	—
180 to 219 acres .....	166	122	29	13	12	12	1	1	2
220 to 259 acres .....	131	98	19	12	10	9	2	2	2
260 to 499 acres .....	613	407	122	74	60	59	14	12	10
500 to 999 acres .....	678	372	211	85	68	64	17	14	10
1,000 to 1,999 acres .....	436	208	153	61	50	49	11	7	14
2,000 acres or more .....	844	397	198	154	129	125	25	19	95
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011) .....	71	51	12	7	7	6	—	—	1
Field crops, except cash grains (013) .....	1 540	851	476	188	155	149	33	28	25
Cotton (0131) .....	1 016	476	386	140	115	111	25	22	14
Tobacco (0132) .....	—	—	—	—	—	—	—	—	—
Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	524	375	90	48	40	38	8	6	11
Vegetables and melons (016) .....	175	83	30	55	43	43	12	12	7
Fruits and tree nuts (017) .....	780	537	173	49	35	34	14	8	21
Horticultural specialties (018) .....	182	93	25	60	44	43	16	12	4
General farms, primarily crop (019) .....	98	61	28	7	6	6	1	1	2
Livestock, except dairy, poultry, and animal specialties (021) .....	3 190	2 373	438	244	218	212	26	19	135
Beef cattle, except feedlots (0212) .....	2 641	1 948	374	207	185	179	22	16	112
Dairy farms (024) .....	142	75	39	24	20	19	4	2	4
Poultry and eggs (025) .....	67	56	2	8	7	7	1	1	1
Animal specialties (027) .....	1 351	1 125	135	80	72	71	8	7	11
General farms, primarily livestock and animal specialties (029) .....	73	51	11	2	2	2	—	—	9
LIVESTOCK									
Cattle and calves inventory .....	3 521	2 606	492	273	244	236	29	20	150
number.....	1 110 912	290 428	192 407	495 244	430 754	426 387	64 490	50 651	132 833
Farms with—									
1 to 9 .....	986	848	80	31	30	29	1	1	27
10 to 49 .....	1 098	945	86	42	36	35	6	4	25
50 to 99 .....	367	282	51	15	14	14	1	1	19
100 to 199 .....	296	193	62	32	31	30	1	1	9
200 to 499 .....	396	222	111	48	42	40	6	4	15
500 or more .....	378	116	102	105	91	88	14	9	55
Cows and heifers that had calved .....	2 738	1 985	406	223	204	197	19	11	124
number.....	421 131	153 955	99 469	85 719	74 066	71 559	11 653	4 913	81 988
Beef cows .....	2 497	1 827	356	196	181	175	15	9	118
number.....	334 851	122 671	66 969	64 339	55 065	(D)	9 274	(D)	80 872
Farms with—									
1 to 9 .....	759	664	49	25	25	24	—	—	21
10 to 49 .....	780	652	72	35	33	33	2	1	21
50 to 99 .....	245	168	55	12	12	12	—	—	10
100 to 199 .....	275	172	65	32	29	28	3	2	6
200 to 499 .....	287	134	81	53	49	46	4	3	19
500 or more .....	151	37	34	39	33	32	6	3	41
Milk cows.....	476	340	81	47	42	40	5	3	8
number.....	86 280	31 284	32 500	21 380	19 001	(D)	2 379	(D)	1 116
Farms with—									
1 to 4 .....	305	249	34	19	18	17	1	1	3
5 to 9 .....	27	19	4	4	4	4	—	—	—
10 to 49 .....	17	12	3	1	1	1	—	—	1
50 to 99 .....	4	3	1	—	—	—	—	—	—
100 to 199 .....	12	9	2	—	—	—	—	—	—
200 to 499 .....	44	24	12	6	6	6	—	—	2
500 or more .....	67	24	25	17	13	12	4	2	1
Heifers and heifer calves .....	2 540	1 857	352	199	178	171	21	14	132
number.....	160 302	58 608	38 570	35 507	29 503	28 257	6 004	2 038	27 617
Steers, steer calves, bulls, and bull calves .....	2 903	2 120	417	233	205	197	28	19	133
number.....	529 479	77 865	54 368	374 018	327 185	326 571	46 833	43 700	23 228
Cattle and calves sold .....	3 302	2 411	481	272	242	235	30	21	138
number.....	1 009 492	205 173	129 741	607 057	517 228	514 911	89 829	84 545	67 521
\$1,000.....	506 565	73 453	53 915	355 680	299 265	298 456	56 415	53 864	23 516
Calves .....	2 252	1 644	327	184	166	160	18	13	97
number.....	218 160	79 139	42 607	73 220	69 104	67 731	4 116	3 341	23 194
\$1,000.....	54 685	16 918	10 004	21 407	20 561	20 196	847	689	6 355
Cattle .....	2 587	1 840	400	228	201	195	27	19	119
number.....	791 332	126 034	87 134	533 837	448 124	447 180	85 713	81 204	44 327
\$1,000.....	451 880	56 535	43 911	334 273	278 705	278 261	55 569	53 175	17 161
Fattened on grain and concentrates .....	314	239	42	28	24	24	4	4	5
number.....	508 829	13 699	30 311	464 595	386 853	386 853	77 742	77 742	224
\$1,000.....	330 168	8 673	18 281	303 015	251 213	251 213	51 802	51 802	199

See footnotes at end of table

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other — cooperative, estate or trust, institutional, etc
				Total	Family held		Other than family held		
					Total	10 or less stock- holders	Total	10 or less stock- holders	
LIVESTOCK—Con.									
Hogs and pigs inventory..... farms..	331	263	42	19	17	17	2	1	7
..... number..	135 414	30 302	24 200	78 571	(D)	(D)	(D)	(D)	2 341
Farms with—	266	215	35	12	12	12	-	-	4
1 to 24.....	17	16	-	-	-	-	-	-	1
25 to 49.....	7	7	-	-	-	-	-	-	-
50 to 99.....	7	4	2	1	1	1	-	-	-
100 to 199.....	9	9	-	-	-	-	-	-	-
200 to 499.....	25	12	5	6	4	4	2	1	2
500 or more.....									
Used or to be used for breeding..... farms..	140	112	15	11	10	10	1	-	2
..... number..	14 863	3 865	(D)	8 728	(D)	(D)	(D)	-	(D)
Other..... farms..	312	246	40	19	17	17	2	1	7
..... number..	120 551	26 437	(D)	69 843	(D)	(D)	(D)	(D)	(D)
Hogs and pigs sold..... farms..	242	196	27	13	12	12	1	-	6
..... number..	237 623	54 443	52 002	123 368	(D)	(D)	(D)	-	7 810
..... \$1,000..	26 953	6 099	6 280	13 990	(D)	(D)	(D)	-	584
Feeder pigs..... farms..	46	35	5	5	5	5	-	-	1
..... number..	24 744	7 620	10 938	(D)	(D)	(D)	-	-	(D)
..... \$1,000..	1 154	349	504	(D)	(D)	(D)	-	-	(D)
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30..... farms..	146	116	17	11	10	10	1	-	2
..... number..	29 211	(D)	5 884	17 255	(D)	(D)	(D)	-	(D)
Dec. 1 and May 31..... farms..	134	104	17	11	10	10	1	-	2
..... number..	15 167	(D)	3 244	8 877	(D)	(D)	(D)	-	(D)
June 1 and Nov. 30..... farms..	108	82	14	10	9	9	1	-	2
..... number..	14 044	(D)	2 640	8 378	(D)	(D)	(D)	-	(D)
Sheep and lambs of all ages inventory..... farms..	456	351	44	18	18	18	-	-	43
..... number..	301 279	44 134	46 020	14 408	14 408	14 408	-	-	196 717
Ewes 1 year old or older..... farms..	381	293	33	13	13	13	-	-	42
..... number..	164 290	28 225	20 463	(D)	(D)	(D)	-	-	(D)
Sheep and lambs sold..... farms..	395	297	43	13	13	13	-	-	42
..... number..	116 165	32 746	32 895	13 604	13 604	13 604	-	-	36 920
Sheep and lambs shorn..... farms..	339	256	33	10	10	10	-	-	40
..... number..	228 471	34 305	26 476	5 712	5 712	5 712	-	-	161 978
..... pounds of wool..	1 931 271	274 537	190 371	64 202	64 202	64 202	-	-	1 402 161
Horses and ponies inventory..... farms..	3 566	2 726	467	255	229	222	26	22	118
..... number..	70 550	20 749	4 688	4 648	4 128	4 048	520	427	40 465
Horses and ponies sold..... farms..	1 088	842	125	89	82	81	7	6	32
..... number..	8 777	2 814	412	673	599	(D)	74	(D)	4 878
Goats inventory..... farms..	371	297	35	9	9	9	-	-	30
..... number..	116 899	5 071	1 988	680	680	680	-	-	109 160
Goats sold..... farms..	159	118	19	3	3	3	-	-	19
..... number..	26 363	2 290	1 368	32	32	32	-	-	22 673
POULTRY									
Chickens 3 months old or older inventory..... farms..	741	643	59	29	28	28	1	1	10
..... number..	331 462	19 465	1 119	308 546	(D)	(D)	(D)	(D)	2 332
Farms with—	736	642	59	26	26	26	-	-	9
1 to 399.....	2	1	-	-	-	-	-	-	1
400 to 3,199.....	-	-	-	-	-	-	-	-	-
3,200 to 9,999.....	-	-	-	-	-	-	-	-	-
10,000 to 19,999.....	-	-	-	-	-	-	-	-	-
20,000 to 49,999.....	1	-	-	1	1	1	-	-	-
50,000 to 99,999.....	1	-	-	1	-	-	1	1	-
100,000 or more.....	1	-	-	1	1	1	-	-	-
Hens and pullets of laying age..... farms..	734	638	58	29	28	28	1	1	9
..... number..	329 318	17 526	1 024	(D)	(D)	(D)	(D)	(D)	(D)
Pullets 3 months old or older not of laying age..... farms..	146	128	11	5	5	5	-	-	2
..... number..	2 144	1 939	95	(D)	(D)	(D)	-	-	(D)
Hens and pullets sold..... farms..	70	58	6	5	4	4	1	1	1
..... number..	325 609	7 639	(D)	315 591	(D)	255 991	(D)	(D)	(D)
Broilers and other meat-type chickens sold..... farms..	23	21	1	1	1	1	-	-	-
..... number..	(D)	921	(D)	(D)	(D)	(D)	-	-	-
Farms with—	21	21	-	-	-	-	-	-	-
1 to 1,999.....	1	-	1	-	-	-	-	-	-
2,000 to 59,999.....	-	-	-	-	-	-	-	-	-
60,000 to 99,999.....	-	-	-	-	-	-	-	-	-
100,000 or more.....	1	-	-	1	1	1	-	-	-
Turkey hens kept for breeding..... farms..	31	26	3	2	2	2	-	-	-
..... number..	182	158	(D)	(D)	(D)	(D)	-	-	-
Turkeys sold..... farms..	19	15	1	3	3	3	-	-	-
..... number..	(D)	96	(D)	20	20	20	-	-	-

See footnotes at end of table



Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item				Corporation					Other— cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stock- holders	Total	10 or less stock- holders	
CROPS HARVESTED									
Corn for grain or seed ----- farms...	166	125	25	6	5	5	1	1	10
acres... 12 794		6 985	3 222	516	(D)	416	(D)	(D)	2 071
bushels... 1 530 568		964 135	446 260	72 951	(D)	56 525	(D)	(D)	47 222
Irrigated ----- farms...	132	100	23	6	5	5	1	1	3
acres... 10 706		6 849	3 118	516	(D)	416	(D)	(D)	223
Corn for silage or green chop ----- farms...	121	74	30	14	14	13	-	-	3
acres... 8 781		4 593	3 128	900	900	(D)	-	-	160
tons, green... 190 335		83 245	82 421	21 660	21 660	(D)	-	-	3 009
Irrigated ----- farms...	121	74	30	14	14	13	-	-	3
acres... 8 781		4 593	3 128	900	900	(D)	-	-	160
Sorghum for grain or seed ----- farms...	39	21	8	5	5	4	-	-	5
acres... 3 242		1 374	619	585	585	(D)	-	-	664
bushels... 249 319		117 945	59 481	29 888	29 888	(D)	-	-	42 005
Irrigated ----- farms...	39	21	8	5	5	4	-	-	5
acres... 3 242		1 374	619	585	585	(D)	-	-	664
Wheat for grain ----- farms...	443	177	167	80	72	67	8	5	19
acres... 97 407		21 127	27 413	37 437	32 631	31 842	4 806	4 479	11 430
bushels... 7 991 708		1 804 049	2 263 693	3 093 004	2 616 388	2 550 464	476 616	453 259	830 962
Irrigated ----- farms...	433	170	164	80	72	67	8	5	19
acres... 96 947		20 784	27 296	37 437	32 631	31 842	4 806	4 479	11 430
Farms by acres harvested									
1 to 24 acres -----	64	44	13	5	5	5	-	-	2
25 to 99 acres -----	158	72	56	26	24	22	2	-	4
100 to 249 acres -----	136	41	67	27	23	21	4	3	1
250 to 499 acres -----	57	13	25	12	12	11	-	-	7
500 acres or more -----	28	7	6	10	8	8	2	2	5
Barley for grain ----- farms...	168	72	58	30	30	28	-	-	8
acres... 14 654		4 198	5 968	2 731	2 731	(D)	-	-	1 757
bushels... 1 365 067		365 536	581 113	262 495	262 495	(D)	-	-	155 923
Irrigated ----- farms...	168	72	58	30	30	28	-	-	8
acres... 14 654		4 198	5 968	2 731	2 731	(D)	-	-	1 757
Cotton ----- farms...	1 199	576	435	167	137	133	30	26	21
acres... 381 733		115 174	177 759	68 635	58 913	57 917	9 722	8 717	20 165
bales... 1 005 493		286 001	477 219	191 492	166 265	163 455	25 227	23 141	50 781
Irrigated ----- farms...	1 199	576	435	167	137	133	30	26	21
acres... 381 733		115 174	177 759	68 635	58 913	57 917	9 722	8 717	20 165
Farms by acres harvested									
1 to 24 acres -----	58	42	10	4	3	3	1	1	2
25 to 99 acres -----	239	162	51	24	20	19	4	3	2
100 to 249 acres -----	392	115	108	65	49	49	16	14	1
250 to 499 acres -----	317	115	149	49	44	41	5	5	4
500 acres or more -----	193	39	117	25	21	21	4	3	12
Irish potatoes ----- farms...	28	12	11	4	3	3	1	1	1
acres... 3 618		(D)	2 266	966	(D)	739	(D)	(D)	(D)
cwt... 927 389		(D)	562 211	255 100	(D)	187 000	(D)	(D)	(D)
Irrigated ----- farms...	28	12	11	4	3	3	1	1	1
acres... 3 618		(D)	2 266	966	(D)	739	(D)	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms...	1 402	964	258	133	119	113	14	9	47
acres... 181 319		68 283	45 794	41 796	37 775	36 740	4 021	2 467	25 446
tons, dry... 1 040 321		353 790	287 557	261 395	234 065	225 813	27 330	14 168	137 579
Irrigated ----- farms...	1 373	942	254	131	118	112	13	8	46
acres... 178 577		66 984	45 121	41 686	37 685	36 650	4 001	2 447	24 786
Farms by acres harvested									
1 to 24 acres -----	653	542	70	25	23	23	2	2	16
25 to 99 acres -----	396	258	86	39	37	33	2	-	13
100 to 249 acres -----	171	89	50	26	21	21	5	4	6
250 to 499 acres -----	97	51	23	19	17	16	2	1	4
500 acres or more -----	85	24	29	24	21	20	3	2	8
Alfalfa hay ----- farms...	1 148	788	204	112	101	97	11	7	44
acres... 136 959		52 007	32 402	30 737	27 726	26 813	3 011	1 547	21 813
tons, dry... 909 135		310 956	240 382	231 992	207 012	199 690	24 980	12 358	125 805
Irrigated ----- farms...	1 148	788	204	112	101	97	11	7	44
acres... 136 959		52 007	32 402	30 737	27 726	26 813	3 011	1 547	21 813
Vegetables harvested for sale (see text) ----- farms...	328	159	65	79	61	61	18	16	25
acres... 98 138		20 054	16 928	51 514	43 788	43 788	7 726	(D)	9 643
Irrigated ----- farms...	328	159	65	79	61	61	18	16	25
acres... 98 138		20 054	16 928	51 514	43 788	43 788	7 726	(D)	9 643
Farms by acres harvested									
0.1 to 4.9 acres -----	58	49	4	3	2	2	1	1	2
5.0 to 24.9 acres -----	64	39	11	6	6	6	-	-	8
25.0 to 99.9 acres -----	97	38	19	34	25	25	9	7	6
100.0 to 249.9 acres -----	42	19	15	5	4	4	1	1	3
250.0 acres or more -----	67	14	16	31	24	24	7	7	6
Land in orchards ----- farms...	1 141	785	223	88	67	66	21	13	45
acres... 74 921		19 153	21 508	30 701	15 168	(D)	15 532	12 648	3 559
Irrigated ----- farms...	1 141	785	223	88	67	66	21	13	45
acres... 74 921		19 153	21 508	30 701	15 168	(D)	15 532	12 648	3 559
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres -----	430	362	34	20	16	16	4	3	14
5.0 to 24.9 acres -----	387	272	72	24	19	19	5	2	19
25.0 to 99.9 acres -----	206	112	70	17	15	15	2	2	7
100.0 to 249.9 acres -----	69	27	30	10	9	8	1	-	2
250.0 acres or more -----	49	12	17	17	8	8	9	6	3
All citrus fruit ----- farms...	546	377	113	44	35	34	9	6	12
Bearing and nonbearing...acres...	40 791	12 910	8 796	18 818	12 964	(D)	5 854	5 629	267

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 50. Summary by Age and Principal Occupation of Operator: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS								
Farms.....number.....	7 669	3 782	49	365	734	794	959	881
.....percent.....	100.0	49.3	6	4.8	9.6	10.4	12.5	11.5
Land in farms.....acres.....	36 287 794	19 503 598	96 053	534 806	2 594 583	4 598 608	6 870 578	4 808 970
Average size of farm.....acres.....	4 732	5 157	1 960	1 465	3 535	5 792	7 164	5 459
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total sales (see text).....farms.....	7 669	3 782	49	365	734	794	959	881
.....\$1,000.....	1 628 544	1 403 189	5 291	125 874	337 817	360 691	369 088	204 427
Average per farm.....dollars.....	212 354	371 018	107 984	344 860	460 241	454 271	384 867	232 040
Farms by value of sales:								
Less than \$1,000 (see text).....	1 458	335	6	25	65	72	85	82
\$1,000 to \$2,499.....	1 036	271	1	16	45	64	57	88
\$2,500 to \$4,999.....	820	275	6	19	54	40	57	99
\$5,000 to \$9,999.....	775	313	2	27	54	49	84	97
\$10,000 to \$19,999.....	587	281	2	18	55	61	60	85
\$20,000 to \$24,999.....	170	102	-	3	18	24	27	30
\$25,000 to \$39,999.....	392	240	2	14	41	55	52	76
\$40,000 to \$49,999.....	191	126	3	7	23	23	36	34
\$50,000 to \$99,999.....	533	385	10	46	60	76	105	88
\$100,000 to \$249,999.....	681	547	9	69	120	123	151	75
\$250,000 to \$499,999.....	471	426	8	64	86	94	123	51
\$500,000 to \$999,999.....	267	237	-	27	59	54	60	37
\$1,000,000 or more.....	288	244	-	30	54	59	62	39
Grains.....farms.....	595	509	12	62	109	114	148	64
.....\$1,000.....	35 282	33 455	153	3 213	6 434	8 455	11 508	3 691
Sales of \$50,000 or more.....farms.....	164	158	1	18	28	42	53	16
.....\$1,000.....	27 853	26 744	(D)	(D)	4 861	6 992	9 623	2 766
Corn for grain.....farms.....	108	81	5	9	14	22	25	6
.....\$1,000.....	3 412	3 296	105	432	481	693	1 253	332
Wheat.....farms.....	432	383	5	49	88	90	110	41
.....\$1,000.....	27 541	25 969	39	2 490	5 296	6 828	8 862	2 455
Soybeans.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Sorghum for grain.....farms.....	36	33	2	4	3	6	12	6
.....\$1,000.....	516	503	(D)	(D)	57	73	255	(D)
Barley.....farms.....	161	145	4	14	32	35	36	24
.....\$1,000.....	3 243	3 155	(D)	267	(D)	770	807	766
Oats.....farms.....	22	16	-	1	3	3	8	1
.....\$1,000.....	224	(D)	-	(D)	35	(D)	84	(D)
Other grains.....farms.....	14	13	-	3	7	2	7	-
.....\$1,000.....	347	(D)	-	13	(D)	(D)	247	-
Cotton and cottonseed.....farms.....	1 197	1 036	24	155	218	233	259	147
.....\$1,000.....	361 558	336 532	3 457	46 918	74 123	71 494	97 443	43 095
Sales of \$50,000 or more.....farms.....	1 015	908	19	142	199	197	233	118
.....\$1,000.....	357 319	333 406	3 322	46 499	73 626	70 713	96 839	42 408
Tobacco.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	981	648	7	71	136	152	172	110
.....\$1,000.....	74 244	65 774	298	3 919	14 419	18 390	19 363	9 385
Sales of \$50,000 or more.....farms.....	279	260	2	27	51	70	78	32
.....\$1,000.....	66 206	60 093	(D)	(D)	12 986	17 121	17 976	8 594
Vegetables, sweet corn, and melons.....farms.....	328	246	1	27	48	53	74	43
.....\$1,000.....	240 925	227 384	(D)	(D)	56 622	33 210	77 322	43 819
Sales of \$50,000 or more.....farms.....	177	146	1	19	33	33	43	17
.....\$1,000.....	238 695	225 601	(D)	(D)	56 309	32 810	76 732	43 502
Fruits, nuts, and berries.....farms.....	798	336	-	25	61	66	90	94
.....\$1,000.....	111 422	75 722	-	7 176	23 823	11 409	9 980	23 334
Sales of \$50,000 or more.....farms.....	173	102	-	8	18	24	27	25
.....\$1,000.....	105 190	73 073	-	7 045	23 133	10 848	9 276	22 770
Nursery and greenhouse crops.....farms.....	211	121	1	20	34	26	24	16
.....\$1,000.....	61 053	46 845	(D)	(D)	11 744	10 632	5 684	6 183
Sales of \$50,000 or more.....farms.....	94	70	1	15	20	15	12	7
.....\$1,000.....	59 505	46 128	(D)	(D)	11 499	10 489	5 518	6 099
Other crops.....farms.....	79	49	-	5	10	11	12	11
.....\$1,000.....	12 197	11 949	-	213	948	5 499	2 878	2 411
Sales of \$50,000 or more.....farms.....	26	25	-	2	3	7	8	5
.....\$1,000.....	11 685	(D)	-	(D)	880	5 414	2 800	2 341
Poultry and poultry products.....farms.....	257	87	-	5	21	16	29	16
.....\$1,000.....	4 553	4 234	-	1	205	1 181	2 842	5
Sales of \$50,000 or more.....farms.....	6	5	-	-	1	2	2	-
.....\$1,000.....	4 389	(D)	-	-	(D)	(D)	(D)	-
Dairy products.....farms.....	169	130	1	27	27	30	28	17
.....\$1,000.....	168 400	133 555	(D)	(D)	27 777	41 359	27 964	8 001
Sales of \$50,000 or more.....farms.....	131	114	1	27	26	24	24	12
.....\$1,000.....	168 108	133 363	(D)	(D)	(D)	41 327	27 895	7 924
Cattle and calves.....farms.....	3 302	1 687	12	113	291	317	446	508
.....\$1,000.....	506 565	429 615	651	5 859	112 965	152 197	96 726	61 217
Sales of \$50,000 or more.....farms.....	635	499	4	33	86	103	156	117
.....\$1,000.....	482 080	414 756	540	5 148	110 444	149 236	93 204	56 183

See footnotes at end of table

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARMS AND LAND IN FARMS</b>								
Farms .....	number.....	3 887	37	326	1 034	1 126	883	481
	percent.....	50 7	5	4 3	13 5	14 7	11 5	6 3
Land in farms .....	acres.....	16 784 196	7 047	129 828	3 999 957	4 444 221	6 366 932	1 836 211
Average size of farm .....	acres.....	4 318	190	398	3 868	3 947	7 211	3 817
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) .....	farms.....	3 887	37	326	1 034	1 126	883	481
	\$1,000.....	225 355	1 871	17 179	43 391	74 277	71 415	17 223
Average per farm .....	dollars.....	57 977	50 561	52 695	41 964	65 965	80 877	35 807
<b>Farms by value of sales</b>								
Less than \$1,000 (see text).....		1 123	4	87	327	348	248	109
\$1,000 to \$2,499 .....		765	8	78	234	218	154	73
\$2,500 to \$4,999 .....		545	7	38	144	160	126	70
\$5,000 to \$9,999 .....		462	6	38	110	139	103	66
\$10,000 to \$19,999 .....		306	-	26	71	84	68	57
\$20,000 to \$24,999 .....		68	-	7	17	16	16	12
\$25,000 to \$39,999 .....		152	-	9	34	39	32	38
\$40,000 to \$49,999 .....		65	5	4	13	12	21	10
\$50,000 to \$99,999 .....		148	2	14	30	40	42	20
\$100,000 to \$249,999 .....		134	3	13	32	36	35	15
\$250,000 to \$499,999 .....		45	1	5	6	13	16	4
\$500,000 to \$999,999 .....		30	1	3	5	6	11	4
\$1,000,000 or more .....		44	-	4	11	15	11	3
Grains .....	farms.....	86	1	10	19	23	23	10
	\$1,000.....	1 828	(D)	(D)	316	115	973	318
Sales of \$50,000 or more .....	farms.....	6	-	-	1	-	3	2
	\$1,000.....	1 110	-	-	(D)	-	747	(D)
Corn for grain .....	farms.....	27	-	2	8	13	2	2
	\$1,000.....	116	-	(D)	67	30	(D)	(D)
Wheat .....	farms.....	49	1	7	8	9	17	7
	\$1,000.....	1 572	(D)	(D)	225	65	921	274
Soybeans .....	farms.....	-	-	-	-	-	-	-
	\$1,000.....	-	-	-	-	-	-	-
Sorghum for grain .....	farms.....	3	-	-	-	1	-	2
	\$1,000.....	13	-	-	-	(D)	-	(D)
Barley .....	farms.....	16	-	2	1	4	7	2
	\$1,000.....	87	-	(D)	(D)	10	26	(D)
Oats .....	farms.....	6	-	-	3	2	1	-
	\$1,000.....	(D)	-	-	(D)	(D)	(D)	-
Other grains .....	farms.....	1	-	-	1	-	-	-
	\$1,000.....	(D)	-	-	(D)	-	-	-
Cotton and cottonseed .....	farms.....	161	6	32	38	40	33	12
	\$1,000.....	25 027	959	4 894	6 293	5 077	6 574	1 229
Sales of \$50,000 or more .....	farms.....	107	6	24	23	21	24	9
	\$1,000.....	23 913	959	4 707	5 968	4 831	6 265	1 182
Tobacco .....	farms.....	-	-	-	-	-	-	-
	\$1,000.....	-	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms.....	-	-	-	-	-	-	-
	\$1,000.....	-	-	-	-	-	-	-
Hay, silage, and field seeds .....	farms.....	333	4	33	79	97	76	44
	\$1,000.....	8 470	21	269	1 441	1 322	3 911	1 505
Sales of \$50,000 or more .....	farms.....	19	-	2	3	4	4	6
	\$1,000.....	6 114	-	(D)	(D)	701	3 275	1 142
Vegetables, sweet corn, and melons .....	farms.....	82	-	6	23	19	26	8
	\$1,000.....	13 541	-	3 237	879	4 575	3 292	1 557
Sales of \$50,000 or more .....	farms.....	31	-	2	7	8	12	2
	\$1,000.....	13 094	-	(D)	816	4 439	3 110	(D)
Fruits, nuts, and berries .....	farms.....	462	5	21	87	130	130	89
	\$1,000.....	35 701	220	175	1 253	6 439	25 052	2 563
Sales of \$50,000 or more .....	farms.....	71	-	1	9	26	22	13
	\$1,000.....	32 117	-	(D)	(D)	5 601	24 012	1 778
Nursery and greenhouse crops .....	farms.....	90	-	9	38	26	10	7
	\$1,000.....	14 208	-	1 781	8 444	2 734	512	736
Sales of \$50,000 or more .....	farms.....	24	-	3	9	8	2	2
	\$1,000.....	13 376	-	1 712	8 117	2 414	(D)	(D)
Other crops .....	farms.....	30	-	1	11	9	4	5
	\$1,000.....	248	-	(D)	(D)	112	43	35
Sales of \$50,000 or more .....	farms.....	1	-	-	-	1	-	-
	\$1,000.....	(D)	-	-	-	(D)	-	-
Poultry and poultry products .....	farms.....	170	2	11	55	62	28	12
	\$1,000.....	319	(D)	(D)	(D)	21	20	251
Sales of \$50,000 or more .....	farms.....	1	-	-	-	-	-	1
	\$1,000.....	(D)	-	-	-	-	-	(D)
Dairy products .....	farms.....	39	-	5	8	10	12	4
	\$1,000.....	34 845	-	4 598	7 304	9 356	10 931	2 656
Sales of \$50,000 or more .....	farms.....	17	-	3	4	4	4	2
	\$1,000.....	34 745	-	(D)	7 299	9 322	10 917	(D)
Cattle and calves .....	farms.....	1 615	15	135	387	445	391	242
	\$1,000.....	76 949	641	1 466	13 551	39 818	16 427	5 047
Sales of \$50,000 or more .....	farms.....	136	1	4	31	41	46	13
	\$1,000.....	67 325	(D)	(D)	11 657	37 441	13 859	3 050

See footnotes at end of table

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming							
		Total	Age of operator (years)						
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over	
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs	farms.....	242	100	1	11	22	32	22	12
	\$1,000.....	26 953	23 668	(D)	(D)	4 780	2 750	14 631	374
Sales of \$50,000 or more	farms.....	36	32	-	3	8	10	9	2
	\$1,000.....	26 355	23 380	-	1 110	4 741	2 657	(D)	(D)
Sheep, lambs, and wool	farms.....	422	180	4	13	30	38	54	4
	\$1,000.....	9 245	6 531	2	455	1 872	1 717	1 327	1 159
Sales of \$50,000 or more	farms.....	35	23	-	2	5	4	6	6
	\$1,000.....	8 700	6 177	-	(D)	(D)	1 652	1 143	1 088
Other livestock and livestock products (see text)	farms.....	1 449	554	5	42	134	132	120	121
	\$1,000.....	16 148	7 925	6	243	2 105	2 397	1 419	1 754
Sales of \$50,000 or more	farms.....	43	24	-	1	8	5	6	4
	\$1,000.....	10 652	5 493	-	(D)	(D)	1 864	765	1 336
FARM PRODUCTION EXPENSES <sup>1</sup>									
Total farm production expenses	farms.....	7 673	3 891	44	357	696	848	992	954
	\$1,000.....	1 301 666	1 109 138	4 268	89 254	263 435	306 418	291 382	154 381
Average per farm	dollars.....	169 642	285 052	97 006	250 012	378 498	361 342	293 732	161 824
Livestock and poultry purchased	farms.....	2 343	1 187	2	97	228	276	286	298
	\$1,000.....	244 484	211 188	(D)	(D)	61 509	79 323	43 431	23 717
Farms with expenses of—									
\$1 to \$4,999	1 471	627	-	61	80	144	145	197	
\$5,000 to \$24,999	503	293	-	15	99	70	57	52	
\$25,000 to \$99,999	227	162	2	8	25	40	56	31	
\$100,000 or more	142	105	-	13	24	22	28	18	
Feed for livestock and poultry	farms.....	4 084	1 862	9	123	318	418	466	528
	\$1,000.....	208 527	169 931	128	12 849	37 257	61 950	39 011	18 736
Farms with expenses of—									
\$1 to \$4,999	3 004	1 176	8	86	174	295	257	356	
\$5,000 to \$24,999	733	425	-	9	81	65	142	128	
\$25,000 to \$99,999	152	108	-	5	27	24	27	25	
\$100,000 or more	195	153	1	23	36	34	40	19	
Commercially mixed formula feeds	farms.....	1 567	677	9	48	137	123	166	194
	\$1,000.....	60 742	46 631	47	6 585	6 855	14 966	14 927	3 252
Farms with expenses of—									
\$1 to \$4,999	1 231	425	8	21	71	82	102	141	
\$5,000 to \$24,999	153	109	-	3	31	10	27	38	
\$25,000 to \$79,999	70	49	1	6	12	11	15	4	
\$80,000 or more	113	94	-	18	23	20	22	11	
Seeds, bulbs, plants, and trees	farms.....	2 374	1 629	27	215	304	393	448	242
	\$1,000.....	17 741	16 349	(D)	(D)	3 803	3 621	4 352	2 525
Farms with expenses of—									
\$1 to \$999	1 023	465	10	49	80	82	144	100	
\$1,000 to \$4,999	768	631	17	96	101	166	176	75	
\$5,000 to \$24,999	470	430	-	57	98	122	99	54	
\$25,000 or more	113	103	-	13	25	23	29	13	
Commercial fertilizer	farms.....	3 075	1 963	27	219	365	447	533	372
	\$1,000.....	51 672	46 976	222	4 162	9 936	10 727	14 077	7 852
Farms with expenses of—									
\$1 to \$4,999	1 753	849	7	72	129	147	250	244	
\$5,000 to \$24,999	906	733	20	109	149	220	176	59	
\$25,000 to \$49,999	196	178	-	20	42	31	49	36	
\$50,000 or more	220	203	-	18	45	49	58	33	
Agricultural chemicals	farms.....	3 253	2 054	34	242	375	478	527	398
	\$1,000.....	60 366	52 945	323	5 189	11 262	11 708	15 632	8 831
Farms with expenses of—									
\$1 to \$4,999	1 954	974	15	84	150	193	267	265	
\$5,000 to \$24,999	792	619	19	101	120	175	146	58	
\$25,000 to \$49,999	241	216	-	30	47	50	47	42	
\$50,000 or more	266	245	-	27	58	60	67	33	
Petroleum products	farms.....	6 896	3 722	44	348	666	807	933	924
	\$1,000.....	44 554	36 518	215	3 560	7 795	8 905	10 438	5 604
Farms with expenses of—									
\$1 to \$4,999	5 251	2 348	27	192	382	441	569	737	
\$5,000 to \$24,999	1 295	1 080	17	122	226	286	279	150	
\$25,000 to \$49,999	217	177	-	22	34	50	51	20	
\$50,000 or more	133	117	-	12	24	30	34	17	
Gasoline and gasohol	farms.....	5 923	3 238	31	298	585	725	813	786
	\$1,000.....	16 532	12 605	60	1 089	2 709	2 908	3 522	2 317
Diesel fuel	farms.....	3 603	2 296	43	247	444	556	604	402
	\$1,000.....	19 590	17 021	131	1 773	3 900	3 887	4 832	2 497
Natural gas	farms.....	505	340	9	32	64	74	84	77
	\$1,000.....	3 600	2 789	6	246	388	1 086	863	201
LP gas, fuel oil, kerosene, motor oil, grease, etc	farms.....	4 805	3 028	44	283	596	664	748	693
	\$1,000.....	4 833	4 102	19	451	799	1 024	1 220	590

See footnotes at end of table

Table 50. **Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>							
Total sales (see text)—Con.							
Hogs and pigs ----- farms..	142	2	12	47	36	37	8
\$1,000 .....	3 285	(D)	(D)	822	2 344	76	20
Sales of \$50,000 or more ----- farms..	4	-	-	2	2	-	-
\$1,000 .....	2 976	-	-	(D)	(D)	-	-
Sheep, lambs, and wool ----- farms..	242	4	18	70	71	47	32
\$1,000 .....	2 714	3	11	711	658	1 026	304
Sales of \$50,000 or more ----- farms..	12	-	-	4	2	5	1
\$1,000 .....	2 523	-	-	654	(D)	990	(D)
Other livestock and livestock products (see text) ----- farms..	895	7	87	294	272	157	78
\$1,000 .....	8 223	11	634	2 293	1 706	2 578	1 001
Sales of \$50,000 or more ----- farms..	19	-	1	3	5	8	2
\$1,000 .....	5 158	-	(D)	1 252	720	2 142	(D)
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
Total farm production expenses ----- farms..	3 782	26	321	926	1 040	954	515
\$1,000 .....	192 528	1 267	15 325	35 162	59 039	69 139	12 595
Average per farm ----- dollars..	50 906	48 725	47 742	37 972	56 768	72 473	24 457
Livestock and poultry purchased ----- farms..	1 156	9	77	395	300	277	98
\$1,000 .....	33 298	297	869	7 159	18 700	5 789	482
Farms with expenses of—							
\$1 to \$4,999 -----	844	8	67	291	233	166	79
\$5,000 to \$24,999 -----	210	-	7	78	43	67	15
\$25,000 to \$99,999 -----	65	-	1	13	12	35	4
\$100,000 or more -----	37	1	2	13	12	9	-
Feed for livestock and poultry ----- farms..	2 222	9	172	659	583	558	241
\$1,000 .....	38 596	243	2 215	7 608	14 171	11 636	2 723
Farms with expenses of—							
\$1 to \$4,999 -----	1 828	8	162	548	485	409	216
\$5,000 to \$24,999 -----	308	-	7	89	71	122	19
\$25,000 to \$99,999 -----	44	-	-	13	13	16	2
\$100,000 or more -----	42	1	3	9	14	11	4
Commercially mixed formula feeds ----- farms..	890	1	49	299	272	200	69
\$1,000 .....	14 111	(D)	(D)	3 365	3 569	5 123	947
Farms with expenses of—							
\$1 to \$4,999 -----	806	-	46	275	257	166	62
\$5,000 to \$24,999 -----	44	-	-	12	6	23	3
\$25,000 to \$79,999 -----	21	-	2	8	3	7	1
\$80,000 or more -----	19	1	1	4	6	4	3
Seeds, bulbs, plants, and trees ----- farms..	745	10	73	178	187	211	86
\$1,000 .....	1 391	(D)	(D)	196	425	392	193
Farms with expenses of—							
\$1 to \$999 -----	558	9	55	151	137	143	63
\$1,000 to \$4,999 -----	137	1	13	16	36	51	20
\$5,000 to \$24,999 -----	40	-	3	10	10	15	2
\$25,000 or more -----	10	-	2	1	4	2	1
Commercial fertilizer ----- farms..	1 112	10	92	233	313	316	148
\$1,000 .....	4 695	58	468	610	963	1 867	729
Farms with expenses of—							
\$1 to \$4,999 -----	904	-	49	219	264	249	123
\$5,000 to \$24,999 -----	173	10	39	8	40	52	24
\$25,000 to \$49,999 -----	18	-	4	2	3	9	-
\$50,000 or more -----	17	-	-	4	6	6	1
Agricultural chemicals ----- farms..	1 199	18	99	231	320	349	182
\$1,000 .....	7 421	48	795	745	1 752	3 494	588
Farms with expenses of—							
\$1 to \$4,999 -----	980	17	52	205	264	276	166
\$5,000 to \$24,999 -----	173	1	44	21	48	45	14
\$25,000 to \$49,999 -----	25	-	1	2	3	18	1
\$50,000 or more -----	21	-	2	3	5	10	1
Petroleum products ----- farms..	3 174	26	264	764	874	827	419
\$1,000 .....	8 036	45	880	1 315	1 685	3 245	867
Farms with expenses of—							
\$1 to \$4,999 -----	2 903	25	227	718	792	733	408
\$5,000 to \$24,999 -----	215	1	23	39	73	72	7
\$25,000 to \$49,999 -----	40	-	13	5	6	14	2
\$50,000 or more -----	16	-	1	2	3	8	2
Gasoline and gasohol ----- farms..	2 685	18	203	673	741	695	355
\$1,000 .....	3 926	15	248	800	795	1 401	667
Diesel fuel ----- farms..	1 307	19	123	234	362	386	183
\$1,000 .....	2 569	22	560	318	579	980	109
Natural gas ----- farms..	165	-	15	46	47	37	20
\$1,000 .....	810	-	23	56	147	571	13
LP gas, fuel oil, kerosene, motor oil, grease, etc ----- farms..	1 777	18	168	344	513	488	246
\$1,000 .....	731	7	48	142	164	293	77

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
—Con.								
Total farm production expenses—Con								
Electricity ----- farms..	4 870	2 721	15	253	530	640	703	580
\$1,000..	38 289	32 876	64	3 417	8 145	7 360	10 399	3 491
Farms with expenses of—								
\$1 to \$999 .....	2 812	1 136	-	97	206	294	247	292
\$1,000 to \$4,999 .....	1 257	901	9	53	174	187	268	210
\$5,000 to \$24,999 .....	543	456	6	69	98	112	126	45
\$25,000 or more .....	258	228	-	34	52	47	62	33
Hired farm labor ----- farms..	3 582	2 401	31	255	426	572	643	474
\$1,000..	207 689	181 397	1 137	19 291	42 867	36 709	53 867	27 526
Farms with expenses of—								
\$1 to \$4,999 .....	1 527	760	-	63	132	170	200	195
\$5,000 to \$24,999 .....	976	699	16	72	105	180	189	137
\$25,000 to \$99,999 .....	724	633	15	89	125	142	169	93
\$100,000 or more .....	355	309	-	31	64	80	85	49
Contract labor ----- farms..	1 728	1 062	21	98	253	211	286	193
\$1,000..	40 353	34 082	150	2 625	8 389	5 036	12 402	5 481
Farms with expenses of—								
\$1 to \$999 .....	419	185	-	25	38	20	54	48
\$1,000 to \$4,999 .....	631	378	-	29	88	92	103	66
\$5,000 to \$24,999 .....	487	351	21	26	90	71	88	55
\$25,000 or more .....	191	148	-	18	37	28	41	24
Repair and maintenance ----- farms..	6 001	3 358	44	321	615	779	823	776
\$1,000..	53 723	46 029	384	4 975	11 309	10 686	12 935	7 740
Farms with expenses of—								
\$1 to \$4,999 .....	4 497	2 119	26	172	362	443	514	602
\$5,000 to \$24,999 .....	1 051	827	18	101	155	221	216	116
\$25,000 to \$49,999 .....	234	210	-	28	56	54	40	32
\$50,000 or more .....	219	202	-	20	42	61	53	26
Customwork, machine hire, and rental of machinery and equipment ----- farms..	2 488	1 553	19	167	307	347	408	305
\$1,000..	35 038	30 198	377	3 973	7 247	7 731	6 613	4 257
Farms with expenses of—								
\$1 to \$999 .....	999	439	-	23	88	86	139	103
\$1,000 to \$4,999 .....	519	316	-	25	69	67	63	92
\$5,000 to \$24,999 .....	645	514	18	69	95	129	146	57
\$25,000 or more .....	325	284	1	50	55	65	60	53
Interest expense ----- farms..	3 465	2 198	31	228	441	576	578	344
\$1,000..	74 553	61 334	149	6 828	13 605	14 336	15 538	10 878
Farms with expenses of—								
\$1 to \$4,999 .....	1 834	954	22	91	169	225	260	187
\$5,000 to \$24,999 .....	1 106	784	9	91	179	233	183	89
\$25,000 to \$99,999 .....	393	348	-	32	66	92	109	49
\$100,000 or more .....	132	112	-	14	27	26	26	19
Secured by real estate ----- farms..	2 295	1 359	8	74	279	354	416	228
\$1,000..	47 071	37 301	60	3 230	9 177	7 329	10 365	7 139
Farms with expenses of—								
\$1 to \$999 .....	392	146	-	-	34	10	47	55
\$1,000 to \$4,999 .....	863	452	-	18	79	136	153	66
\$5,000 to \$24,999 .....	713	476	8	39	104	133	128	64
\$25,000 or more .....	327	285	-	17	62	75	88	43
Not secured by real estate ----- farms..	1 761	1 286	23	187	257	329	323	167
\$1,000..	27 462	24 033	89	3 598	4 427	7 007	5 173	3 738
Farms with expenses of—								
\$1 to \$999 .....	394	249	-	38	33	75	63	40
\$1,000 to \$4,999 .....	645	442	22	49	97	98	116	60
\$5,000 to \$24,999 .....	509	403	1	69	87	107	96	43
\$25,000 or more .....	213	192	-	31	40	49	48	24
Cash rent ----- farms..	1 780	1 265	20	177	265	302	283	218
\$1,000..	46 666	42 522	432	4 794	9 094	10 510	12 579	5 113
Farms with expenses of—								
\$1 to \$4,999 .....	871	507	-	73	105	97	111	121
\$5,000 to \$9,999 .....	5	198	5	20	30	83	37	23
\$10,000 to \$24,999 .....	259	217	6	27	46	44	64	30
\$25,000 or more .....	372	343	9	57	84	78	71	44
Property taxes ----- farms..	6 788	3 326	26	253	574	730	895	848
\$1,000..	21 154	16 187	45	1 347	3 189	3 445	4 662	3 500
Farms with expenses of—								
\$1 to \$4,999 .....	5 983	2 647	26	190	443	573	690	725
\$5,000 to \$9,999 .....	384	320	-	33	57	70	115	45
\$10,000 to \$24,999 .....	281	237	-	19	48	58	62	29
\$25,000 or more .....	140	122	-	11	26	29	28	26
All other farm production expenses ----- farms..	7 078	3 754	44	355	670	808	947	930
\$1,000..	156 858	130 607	540	11 092	28 028	34 371	35 446	21 129
Farms with expenses of—								
\$1 to \$4,999 .....	5 045	2 086	16	174	337	400	518	641
\$5,000 to \$24,999 .....	1 149	928	21	94	157	228	245	183
\$25,000 to \$49,999 .....	370	286	6	32	90	60	53	45
\$50,000 or more .....	514	454	1	55	86	120	131	61

See footnotes at end of table

Table 50. **Summary by Age and Principal Occupation of Operator: 1987—Con.**

(For meaning of abbreviations and symbols, see introductory text)

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
—Con.							
Total farm production expenses—Con							
Electricity ----- farms..	2 149	26	142	488	644	556	293
\$1,000..	5 414	10	404	862	1 339	2 399	398
Farms with expenses of—							
\$1 to \$999 .....	1 676	25	100	415	525	370	241
\$1,000 to \$4,999 .....	356	1	12	63	84	161	35
\$5,000 to \$24,999 .....	87	—	27	4	23	18	15
\$25,000 or more .....	30	—	3	6	12	7	2
Hired farm labor ----- farms..	1 181	10	74	263	354	345	135
\$1,000..	26 292	53	2 677	5 201	5 340	11 100	1 921
Farms with expenses of—							
\$1 to \$4,999 .....	767	9	42	181	238	205	92
\$5,000 to \$24,999 .....	277	1	13	63	76	92	32
\$25,000 to \$99,999 .....	91	—	15	9	29	32	6
\$100,000 or more .....	46	—	4	10	11	16	5
Contract labor ----- farms..	666	1	51	141	197	200	76
\$1,000..	6 270	(D)	(D)	661	1 934	2 311	482
Farms with expenses of—							
\$1 to \$999 .....	234	—	26	74	76	48	10
\$1,000 to \$4,999 .....	253	—	10	60	61	84	38
\$5,000 to \$24,999 .....	136	—	14	6	51	39	26
\$25,000 or more .....	43	1	1	1	9	29	2
Repair and maintenance ----- farms..	2 643	26	201	630	739	698	349
\$1,000..	7 694	31	870	1 554	1 740	2 904	595
Farms with expenses of—							
\$1 to \$4,999 .....	2 378	25	173	565	678	601	336
\$5,000 to \$24,999 .....	224	1	22	56	52	83	10
\$25,000 to \$49,999 .....	24	—	1	6	7	9	1
\$50,000 or more .....	17	—	5	3	2	5	2
Customwork, machine hire, and rental of machinery and equipment ----- farms..	935	11	74	187	248	265	150
\$1,000..	4 841	133	941	559	1 229	1 497	481
Farms with expenses of—							
\$1 to \$999 .....	560	—	29	136	153	149	93
\$1,000 to \$4,999 .....	203	—	9	42	48	69	35
\$5,000 to \$24,999 .....	131	11	27	6	36	38	13
\$25,000 or more .....	41	—	9	3	11	9	9
Interest expense ----- farms..	1 267	18	76	309	351	365	148
\$1,000..	13 219	45	650	2 315	3 057	6 452	700
Farms with expenses of—							
\$1 to \$4,999 .....	880	18	42	228	261	222	109
\$5,000 to \$24,999 .....	322	—	32	63	76	114	37
\$25,000 to \$99,999 .....	45	—	1	14	8	21	1
\$100,000 or more .....	20	—	1	4	6	8	1
Secured by real estate ----- farms..	936	1	50	232	243	289	121
\$1,000..	9 770	(D)	(D)	1 263	2 364	5 242	428
Farms with expenses of—							
\$1 to \$999 .....	246	—	9	65	69	57	46
\$1,000 to \$4,999 .....	411	1	23	109	112	118	48
\$5,000 to \$24,999 .....	237	—	17	52	49	93	26
\$25,000 or more .....	42	—	1	6	13	21	1
Not secured by real estate ----- farms..	475	17	26	126	143	113	50
\$1,000..	3 449	(D)	(D)	1 052	693	1 210	272
Farms with expenses of—							
\$1 to \$999 .....	145	—	—	34	52	33	26
\$1,000 to \$4,999 .....	203	17	10	56	67	42	11
\$5,000 to \$24,999 .....	106	—	15	30	20	29	12
\$25,000 or more .....	21	—	1	6	4	9	1
Cash rent ----- farms..	515	8	130	107	124	103	43
\$1,000..	4 143	24	582	1 117	653	1 328	439
Farms with expenses of—							
\$1 to \$4,999 .....	364	7	105	78	87	64	23
\$5,000 to \$9,999 .....	80	—	14	5	27	24	10
\$10,000 to \$24,999 .....	42	1	9	20	3	—	9
\$25,000 or more .....	29	—	2	4	7	15	1
Property taxes ----- farms..	3 462	16	248	858	987	868	485
\$1,000..	4 968	10	322	802	1 225	2 039	570
Farms with expenses of—							
\$1 to \$4,999 .....	3 336	16	234	842	957	812	475
\$5,000 to \$9,999 .....	64	—	2	8	9	40	5
\$10,000 to \$24,999 .....	44	—	10	7	19	4	4
\$25,000 or more .....	18	—	2	1	2	12	1
All other farm production expenses ----- farms..	3 324	26	259	801	892	878	468
\$1,000..	26 251	227	2 625	4 460	4 827	12 685	1 427
Farms with expenses of—							
\$1 to \$4,999 .....	2 959	15	207	735	805	758	439
\$5,000 to \$24,999 .....	221	10	28	47	34	82	20
\$25,000 to \$49,999 .....	84	1	18	5	36	21	3
\$50,000 or more .....	60	—	6	14	17	17	6

See footnotes at end of table

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>								
All farms.....number.....	7 673	3 891	44	357	696	848	992	954
\$1,000.....	306 975	272 477	2 305	30 891	66 936	54 834	65 913	51 599
Average per farm.....dollars.....	40 007	70 027	52 383	86 529	96 172	64 662	66 445	54 087
Farms with net gains <sup>2</sup> .....number.....	3 558	2 314	31	258	418	461	553	593
Average net gain.....dollars.....	97 044	126 872	77 925	125 790	169 146	132 566	130 866	91 954
Gain of—								
Less than \$1,000.....	512	198	-	9	24	27	32	106
\$1,000 to \$9,999.....	1 110	588	-	48	93	91	167	189
\$10,000 to \$49,999.....	896	634	5	89	110	133	137	160
\$50,000 or more.....	1 040	894	26	112	191	210	217	138
Farms with net losses.....number.....	4 115	1 577	13	99	278	387	439	361
Average net loss.....dollars.....	9 309	13 384	8 526	15 787	13 552	16 226	14 706	8 115
Loss of—								
Less than \$1,000.....	626	135	-	8	16	22	44	45
\$1,000 to \$9,999.....	2 568	938	8	68	168	196	247	251
\$10,000 to \$49,999.....	820	435	5	14	85	157	114	60
\$50,000 or more.....	101	69	-	9	9	12	34	5
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>								
Government payments.....farms.....	1 194	1 012	25	151	220	218	252	146
\$1,000.....	58 034	52 636	638	6 948	11 700	12 507	14 622	6 221
Other farm-related income <sup>1</sup> .....farms.....	942	488	1	55	87	111	139	95
\$1,000.....	10 889	9 670	(D)	(D)	2 249	2 659	2 250	1 220
Customwork and other agricultural services.....farms.....	425	243	-	26	61	70	61	25
\$1,000.....	3 631	3 305	-	332	1 088	914	763	207
Gross cash rent or share payments.....farms.....	326	166	-	5	21	25	60	55
\$1,000.....	5 273	4 749	-	126	844	1 636	1 243	901
Forest products and Christmas trees.....farms.....	29	17	-	1	4	7	1	4
\$1,000.....	682	662	-	(D)	(D)	9	(D)	28
Other farm-related income sources.....farms.....	215	101	1	28	15	13	23	21
\$1,000.....	1 303	953	(D)	(D)	(D)	100	(D)	83
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total.....farms.....	242	204	7	33	50	37	42	35
\$1,000.....	13 464	12 555	278	2 008	3 301	1 506	3 547	1 915
Corn.....farms.....	20	20	-	4	5	4	5	2
\$1,000.....	1 060	1 060	-	143	235	177	(D)	(D)
Wheat.....farms.....	31	30	1	5	9	8	3	4
\$1,000.....	939	(D)	(D)	110	448	198	83	93
Soybeans.....farms.....	-	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Sorghum, barley, and oats.....farms.....	5	4	1	1	-	-	2	-
\$1,000.....	21	(D)	(D)	(D)	-	-	(D)	-
Cotton.....farms.....	171	150	7	27	34	25	31	26
\$1,000.....	10 465	9 701	(D)	1 746	2 329	1 091	2 729	(D)
Peanuts, rye, rice, tobacco, and honey.....farms.....	46	29	-	2	9	5	7	6
\$1,000.....	978	(D)	-	(D)	290	41	392	118
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland.....farms.....	4 840	2 586	35	278	485	545	683	560
acres.....	1 453 852	1 222 962	9 870	126 941	238 525	297 777	368 678	181 171
Harvested cropland.....farms.....	3 646	2 146	35	249	412	456	564	430
acres.....	865 817	766 976	4 977	85 802	158 438	178 361	226 059	113 339
Farms by acres harvested.								
1 to 49 acres.....	1 924	735	10	48	121	140	186	230
50 to 99 acres.....	330	213	6	32	46	37	45	47
100 to 199 acres.....	383	285	11	45	51	58	87	33
200 to 499 acres.....	564	505	7	82	105	130	122	59
500 to 999 acres.....	267	242	1	29	56	44	80	32
1,000 to 1,999 acres.....	121	112	-	7	20	35	32	18
2,000 acres or more.....	57	54	-	6	13	12	12	11
Cropland:								
Pasture or grazing only.....farms.....	1 551	646	-	44	103	130	180	189
acres.....	139 721	77 655	-	4 323	11 205	15 230	25 308	21 589
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....farms.....	201	151	1	20	35	31	41	23
acres.....	23 694	22 181	(D)	(D)	3 895	3 584	8 615	4 106
On which all crops failed.....farms.....	164	75	-	6	14	27	18	10
acres.....	5 445	3 526	-	437	417	973	1 462	237
In cultivated summer fallow.....farms.....	298	257	-	32	46	54	86	39
acres.....	85 416	72 680	-	7 488	12 773	12 444	32 501	7 474
Idle.....farms.....	1 443	1 008	24	135	221	222	254	152
acres.....	333 759	279 944	(D)	(D)	51 797	87 185	74 733	34 426
Total woodland.....farms.....	280	111	1	8	19	24	26	33
acres.....	4 106 447	982 143	(D)	(D)	240 231	377 417	33 892	329 891
Woodland pastured.....farms.....	190	80	1	4	14	19	19	23
acres.....	3 848 812	977 763	(D)	(D)	238 555	377 036	32 947	328 874
Woodland not pastured.....farms.....	109	39	-	4	8	8	9	12
acres.....	257 635	4 380	-	361	1 676	381	945	1 017

See footnotes at end of table



Table 50. **Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>								
All farms.....	number.....	3 782	26	321	926	1 040	954	515
	\$1,000.....	34 499	114	2 499	4 735	14 144	9 544	3 462
Average per farm.....	dollars.....	9 122	4 392	7 786	5 114	13 600	10 004	6 723
Farms with net gains <sup>2</sup> .....	number.....	1 244	10	134	247	298	349	206
Average net gain.....	dollars.....	41 558	19 088	26 662	36 593	62 404	45 066	22 195
Gain of—								
Less than \$1,000.....		314	-	32	89	52	77	64
\$1,000 to \$9,999.....		522	-	77	89	140	151	65
\$10,000 to \$49,999.....		262	10	16	51	56	64	65
\$50,000 or more.....		146	-	9	18	50	57	12
Farms with net losses.....	number.....	2 538	16	187	679	742	605	309
Average net loss.....	dollars.....	6 777	4 793	5 740	6 338	6 001	10 222	3 592
Loss of—								
Less than \$1,000.....		491	-	34	131	147	92	87
\$1,000 to \$9,999.....		1 630	15	120	433	480	374	208
\$10,000 to \$49,999.....		385	1	33	114	112	111	14
\$50,000 or more.....		32	-	-	1	3	28	-
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>								
Government payments.....	farms.....	182	5	26	46	43	37	25
	\$1,000.....	5 397	138	901	1 193	1 172	1 423	570
Other farm-related income <sup>1</sup> .....	farms.....	454	-	32	173	103	98	48
	\$1,000.....	1 219	-	58	405	237	385	134
Customwork and other agricultural services.....	farms.....	182	-	23	57	60	26	16
	\$1,000.....	326	-	41	24	161	79	21
Gross cash rent or share payments.....	farms.....	160	-	1	47	38	46	28
	\$1,000.....	524	-	(D)	(D)	53	255	84
Forest products and Christmas trees.....	farms.....	12	-	-	2	1	7	2
	\$1,000.....	20	-	-	(D)	(D)	(D)	(D)
Other farm-related income sources.....	farms.....	114	-	8	70	15	19	2
	\$1,000.....	350	-	(D)	253	(D)	(D)	(D)
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total.....	farms.....	38	1	3	11	9	10	4
	\$1,000.....	909	(D)	(D)	200	138	443	62
Corn.....	farms.....	-	-	-	-	-	-	-
	\$1,000.....	-	-	-	-	-	-	-
Wheat.....	farms.....	1	-	-	1	-	-	-
	\$1,000.....	(D)	-	-	(D)	-	-	-
Soybeans.....	farms.....	-	-	-	-	-	-	-
	\$1,000.....	-	-	-	-	-	-	-
Sorghum, barley, and oats.....	farms.....	1	-	-	-	-	-	1
	\$1,000.....	(D)	-	-	-	-	-	(D)
Cotton.....	farms.....	21	1	2	5	4	7	2
	\$1,000.....	764	(D)	(D)	143	86	435	(D)
Peanuts, rye, rice, tobacco, and honey.....	farms.....	17	-	1	6	5	3	2
	\$1,000.....	(D)	-	(D)	(D)	52	9	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland.....	farms.....	2 254	16	180	555	662	552	289
	acres.....	230 890	2 322	18 276	49 282	52 989	75 971	32 050
Harvested cropland.....	farms.....	1 500	15	118	373	417	370	207
	acres.....	98 841	1 381	8 118	20 315	20 900	37 432	10 695
Farms by acres harvested								
1 to 49 acres.....		1 189	8	81	302	344	293	161
50 to 99 acres.....		117	3	12	31	25	27	19
100 to 199 acres.....		98	1	15	16	25	26	15
200 to 499 acres.....		59	3	6	17	14	11	8
500 to 999 acres.....		25	-	3	5	5	9	3
1,000 to 1,999 acres.....		9	-	1	1	4	2	1
2,000 acres or more.....		3	-	-	1	-	2	-
Cropland								
Pasture or grazing only.....	farms.....	905	1	75	225	284	221	99
	acres.....	62 066	(D)	(D)	12 432	16 043	16 904	11 614
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....	farms.....	50	-	2	11	17	16	4
	acres.....	1 513	-	(D)	(D)	209	533	142
On which all crops failed.....	farms.....	89	-	4	23	24	25	13
	acres.....	1 919	-	95	302	275	728	519
In cultivated summer fallow.....	farms.....	41	-	5	9	8	14	5
	acres.....	12 736	-	813	1 497	2 261	5 395	2 770
Idle.....	farms.....	435	5	43	103	132	108	44
	acres.....	53 815	(D)	4 191	(D)	13 301	14 979	6 310
Total woodland.....	farms.....	169	-	9	37	43	54	26
	acres.....	3 124 304	-	450	1 023 692	624 398	1 152 501	323 263
Woodland pastured.....	farms.....	110	-	5	27	30	30	18
	acres.....	2 871 049	-	202	830 668	623 787	1 094 408	321 984
Woodland not pastured.....	farms.....	70	-	5	17	15	24	9
	acres.....	253 255	-	248	193 024	611	58 093	1 279

See footnotes at end of table

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total farming and other occupations	Farming							
		Total	Age of operator (years)						
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over	
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured .....	farms..	2 399	1 266	11	79	211	242	345	378
acres..	29 840 297	16 995 447	85 687	379 475	2 046 302	3 864 304	6 352 423	4 267 256	
Land in house lots, ponds, roads, wasteland, etc .....	farms..	4 203	2 011	15	191	402	439	501	463
acres..	887 198	303 046	(D)	(D)	69 525	59 110	115 585	30 652	
Cropland under federal acreage reduction programs .....	farms..	1 045	916	23	141	208	200	225	119
Annual commodity acreage adjustment programs .....	acres..	119 003	109 993	1 426	14 105	25 473	26 917	28 519	13 553
Conservation reserve program .....	farms..	73	63	-	13	13	15	18	4
acres..	13 988	10 164	-	1 695	3 070	2 960	2 282	157	
Value of land and buildings <sup>1</sup> .....	farms..	7 673	3 891	44	357	696	848	992	954
\$1,000 .....	10 111 212	6 089 286	31 574	404 871	1 012 356	1 566 644	1 784 765	1 289 076	
Average per farm .....	dollars..	1 317 765	1 564 967	717 591	1 134 092	1 454 534	1 847 458	1 799 158	1 351 233
Average per acre .....	dollars..	279	312	387	760	385	347	261	262
Farms by value group:									
\$1 to \$39,999 .....	1 356	461	-	40	97	54	100	170	
\$40,000 to \$69,999 .....	618	220	-	5	36	28	67	84	
\$70,000 to \$99,999 .....	562	236	-	-	41	38	75	82	
\$100,000 to \$149,999 .....	790	312	-	22	58	88	58	86	
\$150,000 to \$199,999 .....	564	225	8	20	24	63	66	44	
\$200,000 to \$499,999 .....	1 597	768	27	85	152	179	147	178	
\$500,000 to \$999,999 .....	817	553	7	65	87	140	175	79	
\$1,000,000 to \$1,999,999 .....	577	449	1	71	84	99	102	92	
\$2,000,000 to \$4,999,999 .....	522	453	-	38	76	117	138	84	
\$5,000,000 or more .....	270	214	1	11	41	42	64	55	
VALUE OF MACHINERY AND EQUIPMENT <sup>1</sup>									
Estimated market value of all machinery and equipment .....	farms..	7 635	3 878	44	357	688	848	992	949
\$1,000 .....	425 285	324 579	2 904	28 327	67 567	83 138	96 052	46 591	
Farms by value group:									
\$1 to \$4,999 .....	858	288	-	25	33	60	44	126	
\$5,000 to \$9,999 .....	1 920	559	-	48	88	86	151	186	
\$10,000 to \$19,999 .....	1 479	718	5	47	105	137	212	212	
\$20,000 to \$49,999 .....	1 591	946	16	73	196	208	237	216	
\$50,000 to \$99,999 .....	836	594	8	63	109	162	145	107	
\$100,000 to \$199,999 .....	529	405	15	62	88	89	109	42	
\$200,000 to \$499,999 .....	310	274	-	34	47	85	65	43	
\$500,000 or more .....	112	94	-	5	22	21	29	17	
SELECTED MACHINERY AND EQUIPMENT <sup>1</sup>									
Motortrucks, including pickups .....	farms..	6 890	3 638	44	339	659	784	917	895
number..	16 570	10 013	127	901	1 773	2 260	2 810	2 142	
Wheel tractors .....	farms..	5 398	3 002	39	280	551	663	820	649
number..	13 364	8 968	81	842	1 570	2 191	2 581	1 703	
Less than 40 horsepower (PTO) .....	farms..	3 014	1 527	17	111	244	322	444	389
number..	4 492	2 461	33	156	429	536	725	582	
40 horsepower (PTO) or more .....	farms..	3 426	2 129	23	238	411	464	592	401
number..	8 872	6 507	48	686	1 141	1 655	1 856	1 121	
Grain and bean combines .....	farms..	332	211	-	12	43	58	58	40
number..	382	257	-	15	46	70	82	44	
Cottonpickers and strippers .....	farms..	772	666	13	97	133	171	170	82
number..	1 609	1 396	13	169	250	377	381	206	
Mower conditioners .....	farms..	834	535	-	28	83	177	123	124
number..	1 032	693	-	34	120	225	176	138	
Pickup balers .....	farms..	827	528	-	32	105	137	139	115
number..	1 138	735	-	41	156	207	185	146	
AGRICULTURAL CHEMICALS <sup>1</sup>									
Commercial fertilizer .....	farms..	3 074	1 962	27	218	365	447	533	372
acres on which used .....	814 565	725 041	3 767	73 552	151 748	178 885	211 512	105 577	
Lime .....	farms..	-	-	-	-	-	-	-	-
acres on which used .....	-	-	-	-	-	-	-	-	-
tons..	-	-	-	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc., to control—	farms..	2 228	1 585	34	209	292	379	396	275
Insects on hay and other crops .....	677 844	606 971	3 710	61 463	131 232	147 130	172 817	90 619	
Nematodes in crops .....	farms..	202	153	5	28	38	29	31	22
acres on which used .....	32 365	26 606	495	4 456	5 645	4 668	6 730	4 612	
Diseases in crops and orchards .....	farms..	333	216	5	38	27	40	55	51
acres on which used .....	61 965	53 354	495	1 250	13 367	8 333	12 969	16 940	
Weeds, grass, or brush in crops and pasture .....	farms..	1 770	1 236	11	169	269	284	320	183
acres on which used .....	538 181	479 587	1 090	49 964	109 941	118 914	142 513	57 165	
Chemicals for deloliation or for growth control of crops or thinning of fruit .....	farms..	1 120	893	26	171	210	186	180	120
acres on which used .....	311 847	288 803	3 559	38 848	62 668	62 078	88 594	33 056	

See footnotes at end of table

Table 50. **Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>							
Pastureland and rangeland other than cropland and woodland pastured .....	farms.. 1 133	3	89	283	320	279	159
acres.. 12 844 850		4 590	108 673	2 892 341	3 736 520	4 640 872	1 461 854
Land in house lots, ponds, roads, wasteland, etc .....	farms.. 2 192	23	168	595	665	494	247
acres.. 584 152		135	2 429	34 642	30 314	497 588	19 044
Cropland under federal acreage reduction programs .....	farms.. 129	5	22	34	30	27	11
Annual commodity acreage adjustment programs .....	acres.. 9 010	303	1 101	2 123	2 234	2 632	617
Conservation reserve program .....	farms.. 10	-	-	5	2	2	1
acres.. 3 824		-	-	700	(D)	(D)	(D)
Value of land and buildings¹ .....	farms.. 3 782	26	321	926	1 040	954	515
\$1,000.. 4 021 926		6 447	92 977	552 740	1 005 605	1 891 643	472 514
Average per farm .....	dollars.. 1 063 439	247 962	289 648	596 911	966 928	1 982 854	917 503
Average per acre .....	dollars.. 240	598	595	136	230	294	270
Farms by value group							
\$1 to \$39,999 .....	895	9	114	217	246	181	128
\$40,000 to \$69,999 .....	398	-	2	143	68	121	64
\$70,000 to \$99,999 .....	326	-	33	88	90	79	36
\$100,000 to \$149,999 .....	478	-	46	146	140	103	43
\$150,000 to \$199,999 .....	339	-	20	89	120	66	44
\$200,000 to \$499,999 .....	829	16	63	155	239	217	139
\$500,000 to \$999,999 .....	264	-	16	43	84	97	24
\$1,000,000 to \$1,999,999 .....	128	1	21	20	32	34	20
\$2,000,000 to \$4,999,999 .....	69	-	6	15	8	27	13
\$5,000,000 or more .....	56	-	-	10	13	29	4
<b>VALUE OF MACHINERY AND EQUIPMENT¹</b>							
Estimated market value of all machinery and equipment .....	farms.. 3 757	26	320	928	1 024	947	514
\$1,000.. 100 706		1 800	7 587	20 181	22 477	36 654	12 007
Farms by value group							
\$1 to \$4,999 .....	570	-	45	216	133	120	56
\$5,000 to \$9,999 .....	1 361	8	134	319	420	292	188
\$10,000 to \$19,999 .....	761	-	50	177	220	190	124
\$20,000 to \$49,999 .....	645	7	53	128	159	201	97
\$50,000 to \$99,999 .....	242	1	26	59	43	83	30
\$100,000 to \$199,999 .....	124	10	10	17	42	32	13
\$200,000 to \$499,999 .....	36	-	1	6	4	20	5
\$500,000 or more .....	18	-	1	4	3	9	1
<b>SELECTED MACHINERY AND EQUIPMENT¹</b>							
Motortrucks, including pickups .....	farms.. 3 252	26	268	738	938	856	426
number.. 6 557		89	489	1 556	1 779	1 805	839
Wheel tractors .....	farms.. 2 396	19	222	511	633	653	358
number.. 4 396		40	338	944	1 055	1 372	647
Less than 40 horsepower (PTO) .....	farms.. 1 487	2	118	311	391	410	255
number.. 2 031		(D)	(D)	512	484	567	328
40 horsepower (PTO) or more .....	farms.. 1 297	19	134	251	345	375	173
number.. 2 365		(D)	(D)	432	571	805	319
Grain and bean combines .....	farms.. 121	-	11	30	20	47	13
number.. 125		-	11	32	20	48	14
Cottonpickers and strippers .....	farms.. 106	10	23	5	16	42	10
number.. 213		75	32	10	21	63	12
Mower conditioners .....	farms.. 299	1	19	62	81	92	44
number.. 339		(D)	(D)	64	82	114	46
Pickup balers .....	farms.. 299	10	32	46	60	110	41
number.. 403		39	40	67	69	140	48
<b>AGRICULTURAL CHEMICALS¹</b>							
Commercial fertilizer .....	farms.. 1 112	10	92	233	313	316	148
acres on which used.. 89 524		808	9 368	12 700	16 250	42 520	7 878
Lime .....	farms.. -	-	-	-	-	-	-
acres on which used.. -		-	-	-	-	-	-
tons.. -		-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops .....	farms.. 643	10	68	110	157	188	110
acres on which used.. 70 873		808	9 227	5 080	13 095	34 938	7 725
Nematodes in crops .....	farms.. 49	-	-	17	4	14	14
acres on which used.. 5 759		-	-	2 171	1 306	1 101	1 181
Diseases in crops and orchards .....	farms.. 117	-	7	18	34	42	16
acres on which used.. 8 611		-	28	826	2 222	5 211	324
Weeds, grass, or brush in crops and pasture .....	farms.. 534	10	33	112	151	158	70
acres on which used.. 58 594		430	4 231	7 420	17 345	24 039	5 129
Chemicals for defoliation or for growth control of crops or thinning of fruit .....	farms.. 227	10	47	28	46	68	28
acres on which used.. 23 044		758	5 214	3 696	4 077	7 685	1 614

See footnotes at end of table

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR								
All operators .....	7 669	3 782	49	365	734	794	959	881
Full owners .....	5 044	2 051	18	123	389	421	552	548
Part owners .....	1 530	982	2	78	166	212	288	236
Tenants .....	1 095	749	29	164	179	161	119	97
White .....	7 071	3 508	46	337	694	732	873	826
Full owners .....	4 599	1 867	16	106	364	383	490	508
Part owners .....	1 472	945	2	74	162	205	274	228
Tenants .....	1 000	696	28	157	168	144	109	90
Black and other races .....	598	274	3	28	40	62	86	55
Full owners .....	445	184	2	17	25	38	62	40
Part owners .....	58	37	-	4	4	7	14	8
Tenants .....	95	53	1	7	11	17	10	7
OWNED AND RENTED LAND								
Land owned .....	farms.. 6 597	3 048	20	202	559	636	843	788
acres.. 27 710 007	12 186 150	81 111	150 212	1 934 801	2 271 712	4 750 449	2 997 865	
Owned land in farms .....	farms.. 6 574	3 033	20	201	555	633	840	784
acres.. 26 464 825	11 512 691	80 903	147 388	1 352 309	2 253 972	4 701 531	2 976 588	
Land rented or leased from others .....	farms.. 2 656	1 751	31	242	347	376	416	339
acres.. 10 152 440	8 178 740	(D)	(D)	1 288 519	2 356 285	2 238 069	1 891 114	
Rented or leased land in farms .....	farms.. 2 625	1 731	31	242	345	373	407	333
acres.. 9 822 969	7 990 907	15 150	387 418	1 242 274	2 344 636	2 169 047	1 832 382	
Land rented or leased to others .....	farms.. 504	299	2	23	57	57	85	75
acres.. 1 574 653	861 292	(D)	(D)	628 737	29 389	117 940	80 009	
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated .....	4 679	2 336	17	190	421	503	615	590
Not on farm operated .....	2 469	1 179	29	151	253	241	283	222
Not reported .....	521	267	3	24	60	50	61	69
Operators by principal occupation:								
Farming .....	3 782	3 782	49	365	734	794	959	881
Other .....	3 887	-	-	-	-	-	-	-
Operators by days of work off farm:								
None .....	2 830	2 331	32	227	421	436	606	609
Any .....	4 423	1 035	13	113	241	284	255	129
1 to 99 days .....	691	435	6	46	95	121	115	52
100 to 199 days .....	735	293	6	30	65	82	74	36
200 days or more .....	2 997	307	1	37	81	81	66	41
Not reported .....	416	416	4	25	72	74	98	143
Operators by years on present farm:								
2 years or less .....	725	321	21	68	92	74	36	30
3 or 4 years .....	803	350	7	68	86	90	64	35
5 to 9 years .....	1 628	724	7	127	194	158	137	101
10 years or more .....	3 165	1 738	-	46	238	353	551	550
Average years on present farm .....	13.4	15.5	2.8	5.8	8.7	12.3	18.9	25.4
Not reported .....	1 348	649	14	56	124	119	171	165
Operators by age group:								
Under 25 years .....	86	49	49	-	-	-	-	-
25 to 34 years .....	691	365	-	365	-	-	-	-
35 to 44 years .....	1 768	734	-	-	734	-	-	-
45 to 49 years .....	968	378	-	-	-	378	-	-
50 to 54 years .....	952	416	-	-	-	416	-	-
55 to 59 years .....	968	462	-	-	-	-	462	-
60 to 64 years .....	874	497	-	-	-	-	497	-
65 to 69 years .....	623	397	-	-	-	-	-	397
70 years and over .....	739	484	-	-	-	-	-	484
Average age .....	51.5	53.1	21.6	30.7	39.7	49.6	59.4	71.7
Operators by sex:								
Male .....	6 806	3 397	44	334	640	708	886	785
Female .....	863	385	5	31	94	86	73	96
Operators of Spanish origin (see text) .....	363	169	4	15	32	40	48	30
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) .....	farms.. 5 356	2 353	38	209	420	501	581	604
acres.. 6 170 484	4 649 396	93 101	142 119	689 393	1 284 124	958 277	1 482 382	
Partnership .....	farms.. 1 369	829	11	96	183	168	200	171
acres.. 4 574 856	3 758 211	2 952	148 363	657 916	620 181	1 108 749	1 220 050	
Corporation .....	farms.. 609	409	-	36	97	78	120	78
Family held .....	acres.. 2 836 580	2 519 330	-	180 861	313 436	560 500	1 097 548	366 985
More than 10 stockholders .....	farms.. 17	15	-	4	2	2	4	3
10 or less stockholders .....	farms.. 592	394	-	32	95	76	116	75
Other than family held .....	farms.. 115	82	-	13	17	26	21	5
acres.. 1 117 865	1 076 973	-	4 800	179 583	394 440	478 803	19 347	
More than 10 stockholders .....	farms.. 25	19	-	3	6	4	5	1
10 or less stockholders .....	farms.. 90	63	-	10	11	22	16	4
Other—cooperative, estate or trust, institutional, etc. ....	farms.. 220	109	-	11	17	21	37	23
acres.. 21 588 009	7 499 688	-	58 663	754 255	1 739 363	3 227 201	1 720 206	

See footnotes at end of table

Table 50. **Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Age of operator (years)						
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>TENURE AND RACE OF OPERATOR</b>							
All operators .....	3 887	37	326	1 034	1 126	883	481
Full owners .....	2 993	22	190	800	905	682	394
Part owners .....	548	1	56	131	160	140	60
Tenants .....	346	14	80	103	61	61	27
White .....	3 563	32	290	938	1 039	809	455
Full owners .....	2 732	17	167	720	838	621	369
Part owners .....	527	1	52	129	151	134	60
Tenants .....	304	14	71	89	50	54	26
Black and other races .....	324	5	36	96	87	74	26
Full owners .....	261	5	23	80	67	61	25
Part owners .....	21	-	4	2	9	6	-
Tenants .....	42	-	9	14	11	7	1
<b>OWNED AND RENTED LAND</b>							
Land owned .....	3 549	23	247	933	1 065	826	455
acres .....	15 523 857	258	56 922	3 995 103	4 043 770	5 795 696	1 632 108
Owned land in farms .....	3 541	23	246	931	1 065	822	454
acres .....	14 952 134	258	54 609	3 661 961	4 023 818	5 592 907	1 618 581
Land rented or leased from others .....	905	15	136	236	222	206	90
acres .....	1 973 700	6 789	87 855	365 734	422 243	869 925	221 154
Rented or leased land in farms .....	894	15	136	234	201	201	87
acres .....	1 832 062	6 789	75 219	337 996	420 203	774 025	217 630
Land rented or leased to others .....	205	-	11	47	51	51	45
acres .....	713 361	-	14 949	360 880	21 792	298 689	17 051
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated .....	2 343	11	185	678	710	519	240
Not on farm operated .....	1 290	25	132	297	339	300	197
Not reported .....	254	1	9	59	77	64	44
Operators by principal occupation:							
Farming .....	-	-	-	-	-	-	-
Other .....	3 887	37	326	1 034	1 126	883	481
Operators by days of work off farm:							
None .....	499	7	25	65	86	129	187
Any .....	3 388	30	301	969	1 040	754	294
1 to 99 days .....	256	-	24	58	61	59	54
100 to 199 days .....	442	1	28	131	131	104	47
200 days or more .....	2 690	29	249	780	848	591	193
Not reported .....	-	-	-	-	-	-	-
Operators by years on present farm:							
2 years or less .....	404	11	82	136	95	58	22
3 or 4 years .....	453	12	72	163	131	51	24
5 to 9 years .....	904	1	86	321	261	164	71
10 years or more .....	1 427	-	35	244	438	450	260
Average years on present farm .....	11.3	2.7	5.0	7.4	10.5	14.7	20.4
Not reported .....	699	13	51	170	201	160	104
Operators by age group:							
Under 25 years .....	37	37	-	-	-	-	-
25 to 34 years .....	326	-	326	-	-	-	-
35 to 44 years .....	1 034	-	-	1 034	-	-	-
45 to 49 years .....	590	-	-	-	590	-	-
50 to 54 years .....	536	-	-	-	536	-	-
55 to 59 years .....	506	-	-	-	-	506	-
60 to 64 years .....	377	-	-	-	-	377	-
65 to 69 years .....	226	-	-	-	-	-	226
70 years and over .....	255	-	-	-	-	-	255
Average age .....	49.9	21.1	30.9	39.9	49.2	59.0	71.3
Operators by sex:							
Male .....	3 409	18	282	878	994	807	430
Female .....	478	19	44	156	132	76	51
Operators of Spanish origin (see text) .....	194	-	15	63	56	38	22
<b>FARMS BY TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship) .....	3 003	34	243	820	888	671	347
acres .....	1 521 088	6 225	96 106	298 875	448 700	346 672	324 510
Partnership .....	540	3	58	136	141	120	82
acres .....	816 645	822	7 386	111 804	147 296	488 615	60 722
Corporation:							
Family held .....	200	-	16	47	58	45	34
acres .....	317 250	-	19 279	12 126	112 257	141 414	32 174
More than 10 stockholders .....	2	-	-	-	-	1	1
10 or less stockholders .....	198	-	16	47	58	44	33
Other than family held .....	33	-	1	7	8	12	5
acres .....	40 892	-	(D)	(D)	630	30 574	1 626
More than 10 stockholders .....	6	-	-	3	2	1	-
10 or less stockholders .....	27	-	1	4	6	11	5
Other—cooperative, estate or trust, institutional, etc .....	111	-	8	24	31	35	13
acres .....	14 088 321	-	(D)	(D)	3 735 338	5 359 657	1 417 179

See footnotes at end of table

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS BY SIZE								
1 to 9 acres .....	2 158	595	8	48	150	152	120	117
10 to 49 acres .....	1 510	534	8	46	114	106	113	147
50 to 69 acres .....	256	118	2	6	24	27	24	35
70 to 99 acres .....	314	176	2	19	30	29	43	53
100 to 139 acres .....	247	129	3	14	21	21	29	41
140 to 179 acres .....	316	178	-	25	29	34	60	30
180 to 219 acres .....	166	92	3	7	23	15	21	23
220 to 259 acres .....	131	87	6	9	13	23	23	13
260 to 499 acres .....	613	443	7	55	91	92	111	87
500 to 999 acres .....	678	499	6	70	80	102	147	94
1,000 to 1,999 acres .....	436	339	1	35	63	75	93	72
2,000 acres or more .....	844	592	3	31	96	118	175	169
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) .....	71	45	3	7	7	10	11	7
Field crops, except cash grains (013) .....	1 540	1 149	24	173	236	255	284	177
Cotton (0131) .....	1 016	871	22	142	187	188	208	124
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	524	278	2	31	49	67	76	53
Vegetables and melons (016) .....	175	132	1	10	26	30	36	29
Fruits and tree nuts (017) .....	780	266	-	17	43	49	78	79
Horticultural specialties (018) .....	182	97	1	16	29	22	17	12
General farms, primarily crop (019) .....	88	52	1	4	13	18	14	2
Livestock, except dairy, poultry, and animal specialties (021) .....	3 190	1 508	16	81	252	286	395	478
Beef cattle, except feedlots (0212) .....	2 641	1 311	16	70	213	230	342	440
Dairy farms (024) .....	142	118	1	26	25	24	27	15
Poultry and eggs (025) .....	67	22	-	-	5	2	12	3
Animal specialties (027) .....	1 351	374	2	31	94	94	79	74
General farms, primarily livestock and animal specialties (029) .....	73	19	-	-	4	4	6	5
LIVESTOCK								
Cattle and calves inventory .....	3 521	1 741	18	118	298	332	455	520
Farms with— .....	1 110 912	884 802	3 756	35 349	183 796	278 547	206 994	156 360
1 to 9 .....	886	269	7	22	46	50	66	78
10 to 49 .....	1 098	458	3	27	78	78	116	156
50 to 99 .....	367	212	1	14	38	35	52	72
100 to 199 .....	296	203	1	13	26	45	49	69
200 to 499 .....	396	301	3	21	47	54	81	95
500 or more .....	378	298	3	21	63	70	91	50
Cows and heifers that had calved .....	2 738	1 450	13	104	245	272	372	444
Beef cows .....	421 131	298 328	1 265	23 534	50 679	70 878	92 634	59 338
Heifers .....	2 497	1 299	11	75	210	244	343	416
Farms with— .....	334 851	229 784	1 113	9 822	34 921	50 792	78 424	54 712
1 to 9 .....	759	243	5	19	40	50	59	70
10 to 49 .....	780	361	4	24	63	49	87	134
50 to 99 .....	245	159	-	12	26	38	31	52
100 to 199 .....	275	193	1	10	20	32	58	72
200 to 499 .....	287	228	-	6	41	47	70	64
500 or more .....	151	115	1	4	20	28	38	24
Milk cows .....	476	272	3	36	62	48	65	58
Farms with— .....	86 280	68 544	152	13 712	15 758	20 086	14 210	4 626
1 to 4 .....	305	133	2	8	33	21	30	39
5 to 9 .....	27	16	-	1	3	1	7	4
10 to 49 .....	17	13	-	2	1	2	5	3
50 to 99 .....	4	3	-	-	1	-	1	1
100 to 199 .....	12	11	1	2	2	3	1	2
200 to 499 .....	44	39	-	11	8	6	9	5
500 or more .....	67	57	-	12	14	15	12	4
Heifers and heifer calves .....	2 540	1 324	13	87	218	259	339	408
Steers, steer calves, bulls, and bull calves .....	160 302	121 523	576	7 616	22 866	32 008	35 749	22 708
Cattle and calves sold .....	3 302	1 687	12	113	291	317	446	508
Farms with— .....	1 009 492	835 502	2 062	21 444	213 791	263 588	207 224	127 393
1 to 4 .....	506 565	429 615	651	5 859	112 965	152 197	96 726	61 217
5 to 9 .....	2 252	1 162	12	84	210	218	294	344
10 to 49 .....	218 160	163 768	1 019	12 170	58 402	27 963	37 340	26 874
50 to 99 .....	54 685	41 625	179	1 588	17 281	7 059	7 898	7 620
100 to 199 .....	2 587	1 362	7	84	234	263	373	401
200 to 499 .....	791 332	671 734	1 043	9 274	155 389	235 625	169 884	100 519
500 or more .....	451 880	387 990	472	4 271	95 684	145 138	88 828	53 597
Fattened on grain and concentrates .....	314	119	2	5	29	30	26	27
Farms with— .....	508 829	445 206	(D)	(D)	116 817	200 375	93 638	34 336
1 to 4 .....	330 168	289 725	(D)	(D)	78 273	129 029	60 246	22 151

See footnotes at end of table

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS BY SIZE							
1 to 9 acres .....	1 563	19	148	513	466	272	145
10 to 49 acres .....	976	8	66	233	288	268	113
50 to 69 acres .....	138	-	13	40	42	27	16
70 to 99 acres .....	138	1	9	22	49	36	21
100 to 139 acres .....	118	1	13	29	38	23	14
140 to 179 acres .....	138	2	9	31	35	37	24
180 to 219 acres .....	74	-	13	18	19	19	5
220 to 259 acres .....	44	-	5	9	9	14	7
260 to 499 acres .....	170	2	13	46	50	32	27
500 to 999 acres .....	179	2	14	28	42	46	47
1,000 to 1,999 acres .....	97	1	12	18	27	23	16
2,000 acres or more .....	252	1	11	47	61	86	46
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011) .....	26	-	4	6	8	3	5
Field crops, except cash grains (013) .....	391	10	56	98	101	82	44
Cotton (0131) .....	145	6	32	33	33	29	12
Tobacco (0132) .....	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	246	4	24	65	68	53	32
Vegetables and melons (016) .....	43	-	4	11	8	18	2
Fruits and tree nuts (017) .....	514	5	15	108	156	137	93
Horticultural specialties (018) .....	85	-	9	35	25	10	6
General farms, primarily crop (019) .....	46	-	2	6	13	17	8
Livestock, except dairy, poultry, and animal specialties (021) .....	1 682	18	138	417	459	414	236
Beef cattle, except feedlots (0212) .....	1 330	8	115	304	367	334	202
Dairy farms (024) .....	24	-	4	5	7	5	3
Poultry and eggs (025) .....	45	-	-	15	20	7	3
Animal specialties (027) .....	977	4	91	318	310	180	74
General farms, primarily livestock and animal specialties (029) .....	54	-	3	15	19	10	7
LIVESTOCK							
Cattle and calves inventory .....	1 780	13	164	442	498	427	236
Farms with—	246 110	144	7 904	50 612	89 256	70 420	27 774
1 to 9 .....	717	5	76	211	208	152	65
10 to 49 .....	640	8	69	141	179	154	89
50 to 99 .....	155	-	8	36	44	32	35
100 to 199 .....	93	-	6	17	15	27	28
200 to 499 .....	95	-	2	16	29	37	11
500 or more .....	80	-	3	21	23	25	8
Cows and heifers that had calved .....	1 288	6	106	298	356	324	198
Beef cows .....	122 803	62	4 448	30 280	28 899	40 617	18 497
Farms with—	1 198	6	93	274	332	302	191
1 to 9 .....	516	2	49	131	150	122	62
10 to 49 .....	419	4	35	88	120	98	74
50 to 99 .....	86	-	4	20	16	20	26
100 to 199 .....	82	-	3	11	25	25	18
200 to 499 .....	59	-	2	16	13	22	6
500 or more .....	36	-	-	8	8	15	5
Milk cows .....	204	-	18	55	66	47	18
Farms with—	17 736	-	2 119	3 719	5 096	5 093	1 709
1 to 4 .....	172	-	14	47	58	39	14
5 to 9 .....	11	-	-	4	2	4	1
10 to 49 .....	4	-	1	-	2	-	1
50 to 99 .....	1	-	-	-	1	-	-
100 to 199 .....	1	-	-	-	-	-	1
200 to 499 .....	5	-	2	1	-	2	-
500 or more .....	10	-	1	3	3	2	1
Heifers and heifer calves .....	1 216	9	98	288	324	327	170
Steers, steer calves, bulls, and bull calves .....	38 778	41	1 575	9 794	10 423	11 815	5 131
Farms with—	1 405	10	127	333	392	349	194
1 to 4 .....	84 528	41	1 881	10 538	49 934	17 988	4 146
Cattle and calves sold .....	1 615	15	135	387	445	391	242
Farms with—	173 990	1 295	5 142	38 088	74 566	41 734	13 165
1 to 4 .....	76 949	641	1 466	13 551	39 818	16 427	5 047
5 to 9 .....	1 090	9	104	252	289	261	175
10 to 49 .....	54 392	48	3 020	17 683	11 733	14 666	7 242
50 to 99 .....	13 059	12	508	4 177	2 599	3 587	2 177
100 to 199 .....	1 225	12	84	288	357	301	183
200 to 499 .....	119 598	1 247	2 122	20 405	62 833	27 068	5 923
500 or more .....	63 890	628	957	9 374	37 219	12 841	2 870
Fattened on grain and concentrates .....	195	6	8	63	50	42	26
Farms with—	63 623	1 206	182	3 035	47 774	10 380	1 046
1 to 4 .....	40 443	607	142	1 996	30 825	6 230	644

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LIVESTOCK—Con.</b>								
Hogs and pigs inventory..... farms..	331	134	3	12	36	39	30	14
..... number..	135 414	128 429	14	7 662	24 544	13 492	82 477	240
Farms with—								
1 to 24 .....	266	86	3	6	24	20	20	13
25 to 49 .....	17	9	-	2	3	4	-	-
50 to 99 .....	7	6	-	-	-	5	1	-
100 to 199 .....	7	3	-	-	1	4	1	1
200 to 499 .....	9	7	-	1	1	4	1	-
500 or more .....	25	23	-	3	7	6	7	-
Used or to be used for breeding .. farms..	140	73	-	7	19	24	15	8
..... number..	14 863	13 743	-	1 197	2 147	1 513	8 847	39
Other .. farms..	312	130	3	12	34	38	29	14
..... number..	120 551	114 686	14	6 465	22 397	11 979	73 630	201
Hogs and pigs sold .. farms..	242	100	1	11	22	32	22	12
..... number..	237 823	208 907	(D)	(D)	42 133	27 074	125 073	2 900
..... \$1,000..	26 953	23 688	(D)	(D)	4 780	2 750	14 631	374
Feadar pigs .. farms..	46	19	-	2	1	11	2	3
..... number..	24 744	15 480	(D)	(D)	(D)	6 852	(D)	12
..... \$1,000..	1 154	737	-	(D)	(D)	305	(D)	(Z)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ... farms..	146	75	-	7	19	25	15	9
..... number..	29 211	26 386	-	1 228	5 196	2 435	17 385	142
Dec. 1 and May 31 .. farms..	134	67	-	6	17	23	15	6
..... number..	15 167	13 456	-	623	2 511	1 237	8 975	110
June 1 and Nov. 30 .. farms..	108	58	-	6	11	20	13	8
..... number..	14 044	12 930	-	605	2 685	1 198	8 410	32
Sheep and lambs of all ages inventory..... farms..	456	194	4	15	35	40	49	51
..... number..	301 279	119 450	146	5 397	33 006	33 818	20 281	26 802
Ewes 1 year old or older .. farms..	381	162	4	13	31	30	44	40
..... number..	164 290	73 229	(D)	(D)	22 281	22 384	13 575	10 760
Sheep and lambs sold .. farms..	395	167	3	12	29	34	52	37
..... number..	116 165	85 048	37	4 819	20 975	22 738	17 294	19 185
Sheep and lambs shorn .. farms..	339	148	4	12	22	29	47	34
..... number..	228 471	87 371	114	3 386	25 957	25 604	17 917	14 393
..... pounds of wool..	1 931 271	660 377	484	31 163	191 138	165 948	143 886	127 758
Horses and ponies inventory..... farms..	3 566	1 486	8	94	281	304	386	413
..... number..	70 550	27 660	71	801	7 349	5 782	6 098	7 559
Horses and ponies sold .. farms..	1 088	406	3	29	99	93	95	87
..... number..	8 777	2 017	4	74	401	580	538	420
Goats inventory .. farms..	371	135	2	9	32	35	29	28
..... number..	116 899	13 624	(D)	(D)	3 798	4 857	1 287	3 469
Goats sold .. farms..	159	56	2	4	14	16	11	9
..... number..	26 363	6 282	(D)	(D)	1 326	2 337	314	2 206
<b>POULTRY</b>								
Chickens 3 months old or older inventory .. farms..	741	268	1	14	51	58	63	81
..... number..	331 462	297 518	(D)	(D)	3 056	75 969	216 342	1 794
Farms with—								
1 to 399 .....	736	264	1	14	50	57	61	81
400 to 3,199 .....	2	2	-	-	1	-	1	-
3,200 to 9,999 .....	-	-	-	-	-	-	-	-
10,000 to 19,999 .....	-	-	-	-	-	-	-	-
20,000 to 49,999 .....	1	-	-	-	-	-	-	-
50,000 to 99,999 .....	1	1	-	-	-	1	-	-
100,000 or more .....	1	1	-	-	-	-	1	-
Hens and pullets of laying age .. farms..	734	267	1	14	51	58	63	80
..... number..	329 318	296 822	(D)	(D)	2 968	75 767	216 136	1 636
Pullets 3 months old or older not of laying age .. farms..	146	53	-	4	9	10	16	14
..... number..	2 144	696	-	42	88	202	206	158
Hens and pullets sold .. farms..	70	28	-	2	6	5	11	4
..... number..	325 609	304 981	-	(D)	(D)	84 756	218 894	78
Broilers and other meat-type chickens sold .. farms..	23	5	-	1	2	1	1	-
..... number..	(D)	454 040	-	(D)	(D)	(D)	(D)	-
Farms with—								
1 to 1,999 .....	21	3	-	1	1	1	-	-
2,000 to 59,999 .....	1	1	-	-	1	-	-	-
60,000 to 99,999 .....	-	-	-	-	-	-	-	-
100,000 or more .....	1	1	-	-	-	-	1	-
Turkey hens kept for breeding .. farms..	31	10	-	-	3	5	1	1
..... number..	182	91	-	-	17	(D)	(D)	(D)
Turkeys sold .. farms..	19	4	-	-	1	3	-	-
..... number..	(D)	15 008	-	-	(D)	(D)	-	-

See footnotes at end of table.



Table 50. **Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LIVESTOCK—Con.</b>							
Hogs and pigs inventory..... farms..	197	2	21	64	50	52	8
number..	6 985	(D)	(D)	4 906	1 073	821	54
Farms with—							
1 to 24.....	180	2	20	59	45	46	8
25 to 49.....	8	-	1	-	3	4	-
50 to 99.....	1	-	-	-	-	1	-
100 to 199.....	4	-	-	3	1	-	-
200 to 499.....	2	-	-	1	-	1	-
500 or more.....	2	-	-	1	1	-	-
Used or to be used for breeding..... farms..	67	-	11	17	18	17	4
number..	1 120	-	34	564	345	161	16
Other..... farms..	182	2	19	62	45	48	6
number..	5 865	(D)	(D)	4 342	728	660	38
Hogs and pigs sold..... farms..	142	2	12	47	36	37	8
number..	27 716	(D)	(D)	7 392	18 974	1 033	153
\$1,000..	3 285	(D)	(D)	822	2 344	76	20
Feeder pigs..... farms..	27	-	4	6	8	9	-
number..	9 264	-	64	335	8 459	406	-
\$1,000..	416	-	2	13	389	12	-
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30..... farms..	71	-	11	18	21	17	4
number..	2 825	-	31	1 143	1 405	234	12
Dec. 1 and May 31..... farms..	67	-	11	15	20	17	4
number..	1 711	-	17	558	1 000	130	6
June 1 and Nov. 30..... farms..	50	-	7	15	8	16	4
number..	1 114	-	14	585	405	104	6
Sheep and lambs of all ages inventory..... farms..	262	4	25	79	74	53	27
number..	181 829	180	401	87 149	29 605	38 534	25 960
Ewes 1 year old or older..... farms..	219	4	20	62	66	44	23
number..	91 061	50	116	44 794	16 873	16 830	12 398
Sheep and lambs sold..... farms..	228	4	18	68	63	45	30
number..	31 117	40	233	5 609	8 142	12 420	4 673
Sheep and lambs shorn..... farms..	191	4	14	58	54	35	26
number..	141 100	150	205	63 902	26 021	26 286	24 536
pounds of wool..	1 270 894	1 316	1 798	677 845	187 849	209 816	192 270
Horses and ponies inventory..... farms..	2 080	10	195	604	615	433	223
number..	42 890	40	919	15 713	8 699	11 919	5 600
Horses and ponies sold..... farms..	682	3	70	222	210	119	58
number..	6 760	11	340	3 014	1 344	1 162	889
Goats inventory..... farms..	236	3	17	77	76	44	19
number..	103 275	41	162	24 740	27 290	24 850	26 192
Goats sold..... farms..	103	1	7	35	35	19	6
number..	20 081	(D)	(D)	1 790	7 695	4 891	5 649
<b>POULTRY</b>							
Chickens 3 months old or older inventory..... farms..	473	2	31	158	149	94	39
number..	33 944	(D)	(D)	4 148	4 033	3 079	22 006
Farms with—							
1 to 399.....	472	2	31	158	149	94	38
400 to 3 199.....	-	-	-	-	-	-	-
3,200 to 9,999.....	-	-	-	-	-	-	-
10,000 to 19,999.....	-	-	-	-	-	-	-
20,000 to 49,999.....	1	-	-	-	-	-	1
50,000 to 99,999.....	-	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-	-
Hens and pullets of laying age..... farms..	467	2	30	157	147	92	39
number..	32 496	(D)	(D)	3 675	3 720	2 596	21 928
Pullets 3 months old or older not of laying age..... farms..	93	2	10	30	24	22	5
number..	1 448	(D)	(D)	473	313	483	76
Hens and pullets sold..... farms..	42	2	1	18	11	3	7
number..	20 628	(D)	(D)	1 067	343	127	19 064
Broilers and other meat-type chickens sold..... farms..	18	-	-	9	6	3	-
number..	(D)	-	-	(D)	133	550	-
Farms with—							
1 to 1,999.....	18	-	-	9	6	3	-
2,000 to 59,999.....	-	-	-	-	-	-	-
60,000 to 99,999.....	-	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-	-
Turkey hens kept for breeding..... farms..	21	-	2	7	6	4	2
number..	91	-	(D)	26	30	10	(D)
Turkeys sold..... farms..	15	-	1	7	5	-	2
number..	(D)	-	(D)	48	39	-	(D)

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED								
Corn for grain or seed ----- farms..	166	112	5	14	16	26	37	14
----- acres..	12 794	10 952	282	1 351	1 805	2 568	3 427	1 519
Irrigated ----- bushels..	1 530 568	1 454 985	45 719	206 734	220 135	333 359	491 177	157 861
----- farms..	132	96	3	11	13	25	32	12
----- acres..	10 706	9 876	260	1 289	1 440	2 553	3 296	1 018
Corn for silage or green chop ----- farms..	121	90	1	8	19	20	26	16
----- acres..	8 781	7 052	(D)	(D)	1 673	1 769	1 199	1 321
Irrigated ----- tons, green..	190 335	153 920	(D)	(D)	33 133	32 093	27 951	33 370
----- farms..	121	90	1	8	19	20	26	16
----- acres..	8 781	7 052	(D)	(D)	1 673	1 769	1 199	1 321
Sorghum for grain or seed ----- farms..	39	36	2	4	3	8	13	6
----- acres..	3 242	3 160	(D)	(D)	510	708	1 247	572
Irrigated ----- bushels..	249 319	242 972	(D)	(D)	27 860	62 504	110 109	37 705
----- farms..	39	36	2	4	3	8	13	6
----- acres..	3 242	3 160	(D)	(D)	510	708	1 247	572
Wheat for grain ----- farms..	443	386	5	49	88	92	111	41
----- acres..	97 407	89 907	148	8 455	17 220	20 441	35 327	8 316
Irrigated ----- bushels..	7 991 708	7 489 100	11 563	752 304	1 470 345	1 800 313	2 722 664	731 911
----- farms..	433	381	5	48	88	89	110	41
----- acres..	96 947	89 759	148	8 420	17 220	20 329	35 326	8 316
Farms by acres harvested:								
1 to 24 acres -----	64	42	3	4	10	9	10	6
25 to 99 acres -----	158	138	2	20	37	35	32	12
100 to 249 acres -----	136	124	-	18	27	25	39	15
250 to 499 acres -----	57	56	-	4	8	16	22	6
500 acres or more -----	28	26	-	3	6	7	8	2
Barley for grain ----- farms..	168	151	5	14	33	35	40	24
----- acres..	14 654	14 142	277	1 428	2 549	3 495	3 739	2 654
Irrigated ----- bushels..	1 365 067	1 319 899	29 041	122 566	221 816	324 970	360 289	261 217
----- farms..	168	151	5	14	33	35	40	24
----- acres..	14 654	14 142	277	1 428	2 549	3 495	3 739	2 654
Cotton ----- farms..	1 199	1 037	24	155	218	233	260	147
----- acres..	381 733	353 210	3 582	49 392	74 233	77 201	102 937	45 865
Irrigated ----- bales..	1 005 493	933 870	9 769	129 425	203 355	197 846	273 547	119 928
----- farms..	1 199	1 037	24	155	218	233	260	147
----- acres..	381 733	353 210	3 582	49 392	74 233	77 201	102 937	45 865
Farms by acres harvested:								
1 to 24 acres -----	58	37	2	2	5	11	7	10
25 to 99 acres -----	239	176	10	23	38	33	37	35
100 to 249 acres -----	392	348	7	59	70	70	102	40
250 to 499 acres -----	317	296	5	51	61	81	63	35
500 acres or more -----	193	180	-	20	44	38	51	27
Irish potatoes ----- farms..	28	17	-	-	2	4	8	3
----- acres..	3 618	3 568	-	-	(D)	(D)	944	754
Irrigated ----- cwt..	927 389	921 891	-	-	(D)	(D)	306 780	200 500
----- farms..	28	17	-	-	2	4	8	3
----- acres..	3 618	3 568	-	-	(D)	(D)	944	754
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms..	1 402	865	8	82	154	193	236	192
----- acres..	181 319	148 182	828	12 179	30 941	40 236	41 471	22 527
Irrigated ----- tons, dry..	1 040 321	895 461	4 415	56 450	202 369	241 562	262 372	128 293
----- farms..	1 373	848	8	82	152	189	229	188
----- acres..	178 577	146 494	828	12 179	30 684	39 615	40 951	22 237
Farms by acres harvested:								
0.1 to 4.9 acres -----	653	278	3	17	40	56	66	96
5.0 to 24.9 acres -----	396	276	2	35	60	56	68	55
25.0 to 99.9 acres -----	171	144	2	17	22	33	53	17
100.0 to 249.9 acres -----	97	87	1	8	17	23	26	12
250.0 acres or more -----	85	80	-	5	15	25	23	12
Alfalfa hay ----- farms..	1 148	704	8	63	126	165	194	148
----- acres..	136 959	111 258	728	6 364	22 938	31 145	34 460	15 623
Irrigated ----- tons, dry..	909 135	784 098	4 281	43 198	171 186	215 133	245 970	104 330
----- farms..	1 148	704	8	63	126	165	194	148
----- acres..	136 959	111 258	728	6 364	22 938	31 145	34 460	15 623
Vegetables harvested for sale (see text) ----- farms..	328	246	1	27	48	53	74	43
----- acres..	98 138	92 391	(D)	(D)	19 757	15 651	30 243	18 534
Irrigated ----- farms..	328	246	1	27	48	53	74	43
----- acres..	98 138	92 391	(D)	(D)	19 757	15 651	30 243	18 534
Farms by acres harvested:								
0.1 to 4.9 acres -----	56	29	-	-	3	6	10	10
5.0 to 24.9 acres -----	64	44	-	7	10	5	6	16
25.0 to 99.9 acres -----	97	78	1	8	16	17	30	6
100.0 to 249.9 acres -----	42	35	-	6	8	12	8	1
250.0 acres or more -----	67	60	-	6	11	13	20	10
Land in orchards ----- farms..	1 141	459	-	33	87	81	129	129
----- acres..	74 921	52 847	-	4 085	15 631	10 613	10 088	12 430
Irrigated ----- farms..	1 141	459	-	33	87	81	129	129
----- acres..	74 921	52 847	-	4 085	15 631	10 613	10 088	12 430
Farms by bearing and nonbearing acres								
0.1 to 4.9 acres -----	430	125	-	8	19	16	37	45
5.0 to 24.9 acres -----	387	150	-	8	31	25	42	44
25.0 to 99.9 acres -----	206	105	-	11	21	18	29	26
100.0 to 249.9 acres -----	69	41	-	2	6	14	12	7
250.0 acres or more -----	49	38	-	4	10	8	9	7
All citrus fruit ----- farms..	546	191	-	12	43	35	46	55
Bearing and nonbearing ----- acres..	40 791	25 227	-	453	6 335	3 524	4 798	10 117

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED							
Corn for grain or seed ----- farms..	54	-	4	18	18	10	4
acres..	1 842	-	8	1 223	436	94	81
bushels..	75 583	-	160	35 656	27 929	5 215	6 623
Irrigated ----- farms..	36	-	-	11	14	7	4
acres..	830	-	-	279	413	60	78
Corn for silage or green chop ----- farms..	31	-	5	7	6	10	3
acres..	1 729	-	55	476	335	303	560
tons, green..	36 415	-	799	7 881	8 644	7 841	11 250
Irrigated ----- farms..	31	-	5	7	6	10	3
acres..	1 729	-	55	476	335	303	560
Sorghum for grain or seed ----- farms..	3	-	-	-	1	-	2
acres..	82	-	-	-	(D)	-	(D)
bushels..	6 347	-	-	-	(D)	-	(D)
Irrigated ----- farms..	3	-	-	-	1	-	2
acres..	82	-	-	-	(D)	-	(D)
Wheat for grain ----- farms..	57	1	7	10	11	20	8
acres..	7 500	(D)	(D)	734	492	4 829	1 070
bushels..	502 608	(D)	(D)	60 878	19 772	298 865	95 254
Irrigated ----- farms..	52	1	7	9	10	17	8
acres..	7 188	(D)	(D)	728	290	4 725	1 070
Farms by acres harvested							
1 to 24 acres .....	22	-	3	4	5	5	5
25 to 99 acres .....	20	1	3	4	5	7	-
100 to 249 acres .....	12	-	1	1	1	7	2
250 to 499 acres .....	1	-	-	1	-	-	-
500 acres or more .....	2	-	-	-	-	1	1
Barley for grain ----- farms..	17	-	2	1	4	8	2
acres..	512	-	(D)	(D)	72	151	(D)
bushels..	45 168	-	(D)	(D)	4 874	13 612	(D)
Irrigated ----- farms..	17	-	2	1	4	8	2
acres..	512	-	(D)	(D)	72	151	(D)
Cotton ----- farms..	162	6	32	38	40	34	12
acres..	28 523	1 043	4 996	7 534	5 933	7 343	1 674
bales..	71 623	3 148	13 901	20 394	13 342	17 693	3 145
Irrigated ----- farms..	162	6	32	38	40	34	12
acres..	28 523	1 043	4 996	7 534	5 933	7 343	1 674
Farms by acres harvested							
1 to 24 acres .....	21	-	1	4	13	1	2
25 to 99 acres .....	63	2	15	18	13	10	5
100 to 249 acres .....	44	2	10	9	8	12	3
250 to 499 acres .....	21	2	4	3	4	7	1
500 acres or more .....	13	-	2	4	2	4	1
Irish potatoes ----- farms..	11	-	-	2	6	3	-
acres..	50	-	-	(D)	(D)	22	-
cwt..	5 498	-	-	(D)	(D)	3 080	-
Irrigated ----- farms..	11	-	-	2	6	3	-
acres..	50	-	-	(D)	(D)	22	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms..	537	4	46	132	152	133	70
acres..	33 137	98	1 777	6 365	4 860	16 254	3 783
tons, dry..	144 860	268	4 900	23 473	20 253	77 694	18 272
Irrigated ----- farms..	525	4	45	130	149	131	66
acres..	32 083	98	1 748	5 912	4 384	16 224	3 717
Farms by acres harvested							
1 to 24 acres .....	375	3	32	91	113	94	42
25 to 99 acres .....	120	1	8	35	27	32	17
100 to 249 acres .....	27	-	5	2	7	5	8
250 to 499 acres .....	10	-	-	3	5	-	2
500 acres or more .....	5	-	1	1	-	2	1
Alfalfa hay ----- farms..	444	4	36	108	134	105	57
acres..	25 701	98	1 373	3 949	3 631	13 889	2 761
tons, dry..	125 037	268	3 917	19 343	16 226	70 071	15 212
Irrigated ----- farms..	444	4	36	108	134	105	57
acres..	25 701	98	1 373	3 949	3 631	13 889	2 761
Vegetables harvested for sale (see text) ----- farms..	82	-	6	23	19	26	8
acres..	5 747	-	875	513	1 504	2 088	767
Irrigated ----- farms..	82	-	6	23	19	26	8
acres..	5 747	-	875	513	1 504	2 088	767
Farms by acres harvested:							
0.1 to 4.9 acres .....	29	-	-	13	6	5	5
5.0 to 24.9 acres .....	20	-	3	3	5	8	1
25.0 to 99.9 acres .....	19	-	1	6	4	7	1
100.0 to 249.9 acres .....	7	-	1	1	1	4	-
250.0 acres or more .....	7	-	1	-	3	2	1
Land in orchards ----- farms..	682	5	27	149	199	189	113
acres..	22 073	190	354	3 037	6 063	9 803	2 627
Irrigated ----- farms..	682	5	27	149	199	189	113
acres..	22 073	190	354	3 037	6 063	9 803	2 627
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres .....	305	-	20	76	86	81	42
5.0 to 24.9 acres .....	237	-	4	49	73	71	40
25.0 to 99.9 acres .....	101	5	2	16	27	27	24
100.0 to 249.9 acres .....	28	-	1	5	8	7	7
250.0 acres or more .....	11	-	-	3	5	3	-
All citrus fruit ----- farms..	355	5	14	73	106	91	66
Bearing and nonbearing.. acres..	15 564	190	323	1 384	3 735	7 895	2 037

<sup>1</sup>Data are based on a sample of farms

<sup>2</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 51. Summary by Size of Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARMS AND LAND IN FARMS</b>						
Farms.....number.....	7 669	2 158	1 510	256	314	247
.....percent.....	100.0	28.1	19.7	3.3	4.1	3.2
Land in farms.....acres.....	36 287 794	6 853	34 036	14 692	25 382	28 563
Average size of farm.....acres.....	4 732	3	23	57	81	116
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>						
Total sales (see text).....farms.....	7 669	2 158	1 510	256	314	247
.....\$1,000.....	1 628 544	47 155	92 844	43 031	60 476	67 882
Average per farm.....dollars.....	212 354	21 851	61 486	168 088	192 597	274 827
Farms by value of sales:						
Less than \$1,000 (see text).....	1 458	752	387	45	63	36
\$1,000 to \$2,499.....	1 036	546	242	41	32	20
\$2,500 to \$4,999.....	820	331	216	32	24	31
\$5,000 to \$9,999.....	775	216	201	29	34	23
\$10,000 to \$19,999.....	587	115	164	22	32	15
\$20,000 to \$24,999.....	170	31	37	9	10	7
\$25,000 to \$39,999.....	392	42	84	18	33	21
\$40,000 to \$49,999.....	191	18	30	8	9	13
\$50,000 to \$99,999.....	533	38	48	20	40	37
\$100,000 to \$249,999.....	681	33	23	7	16	30
\$250,000 to \$499,999.....	471	17	21	5	4	4
\$500,000 to \$999,999.....	267	7	28	7	3	3
\$1,000,000 or more.....	288	12	29	13	14	7
Grains.....farms.....	595	4	17	8	14	17
.....\$1,000.....	35 282	2	50	18	136	120
Sales of \$50,000 or more.....farms.....	164	-	-	-	-	-
.....\$1,000.....	27 853	-	-	-	-	-
Corn for grain.....farms.....	108	3	5	5	4	8
.....\$1,000.....	3 412	(D)	11	10	35	80
Wheat.....farms.....	432	-	8	1	7	4
.....\$1,000.....	27 541	-	(D)	(D)	86	(D)
Soybeans.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Sorghum for grain.....farms.....	36	-	-	-	-	1
.....\$1,000.....	516	-	-	-	-	(D)
Barley.....farms.....	161	1	4	1	3	6
.....\$1,000.....	3 243	(D)	3	(D)	15	19
Oats.....farms.....	22	-	1	2	-	-
.....\$1,000.....	224	-	(D)	(D)	-	-
Other grains.....farms.....	14	-	-	-	-	-
.....\$1,000.....	347	-	-	-	-	-
Cotton and cottonseed.....farms.....	1 197	8	33	12	30	38
.....\$1,000.....	361 558	38	735	334	1 369	2 148
Sales of \$50,000 or more.....farms.....	1 015	-	2	1	13	17
.....\$1,000.....	357 319	-	(D)	(D)	868	1 554
Tobacco.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	981	65	204	39	62	50
.....\$1,000.....	74 244	260	1 031	371	1 017	1 547
Sales of \$50,000 or more.....farms.....	279	1	-	1	2	18
.....\$1,000.....	66 206	(D)	-	(D)	(D)	1 082
Vegetables, sweet corn, and melons.....farms.....	328	18	39	7	13	17
.....\$1,000.....	240 925	33	810	271	643	1 087
Sales of \$50,000 or more.....farms.....	177	-	3	3	4	9
.....\$1,000.....	238 695	-	460	236	544	964
Fruits, nuts, and berries.....farms.....	798	169	324	34	48	39
.....\$1,000.....	111 422	413	5 191	1 589	2 459	2 715
Sales of \$50,000 or more.....farms.....	173	-	25	14	22	20
.....\$1,000.....	105 190	-	1 589	1 232	2 124	2 426
Nursery and greenhouse crops.....farms.....	211	104	54	3	7	5
.....\$1,000.....	61 053	9 401	23 762	386	892	3 271
Sales of \$50,000 or more.....farms.....	94	31	33	1	2	4
.....\$1,000.....	59 505	8 481	23 494	(D)	(D)	(D)
Other crops.....farms.....	79	2	14	4	7	5
.....\$1,000.....	12 197	(D)	55	43	56	7
Sales of \$50,000 or more.....farms.....	26	1	-	-	-	-
.....\$1,000.....	11 685	(D)	-	-	-	-
Poultry and poultry products.....farms.....	257	132	74	7	6	4
.....\$1,000.....	4 553	(D)	4 448	6	4	2
Sales of \$50,000 or more.....farms.....	6	-	6	-	-	-
.....\$1,000.....	4 389	-	4 389	-	-	-
Dairy products.....farms.....	169	20	47	19	20	10
.....\$1,000.....	168 400	3 854	37 633	27 828	30 229	9 515
Sales of \$50,000 or more.....farms.....	131	7	42	17	17	8
.....\$1,000.....	168 108	3 838	37 557	(D)	30 213	(D)
Cattle and calves.....farms.....	3 302	732	493	134	135	91
.....\$1,000.....	506 565	26 244	10 125	6 963	22 119	47 205
Sales of \$50,000 or more.....farms.....	635	48	42	20	19	12
.....\$1,000.....	482 080	22 731	7 569	6 230	21 196	46 678

See footnotes at end of table

Table 51. **Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>FARMS AND LAND IN FARMS</b>							
Farms.....number.....	316	166	131	613	678	436	844
.....percent.....	4 1	2 2	1 7	8 0	8 8	5 7	11 0
Land in farms.....acres.....	49 766	32 601	31 378	228 306	473 635	600 726	34 761 856
Average size of farm.....acres.....	157	196	240	372	699	1 378	41 187
<b>MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD</b>							
Total sales (see text).....farms.....	316	166	131	613	678	436	844
.....\$1,000.....	60 168	41 806	49 276	172 819	229 736	217 469	545 883
Average per farm.....dollars.....	190 404	251 844	376 152	281 923	338 843	498 783	646 780
Farms by value of sales:							
Less than \$1,000 (see text).....	36	21	10	35	26	18	29
\$1,000 to \$2,499.....	30	16	7	28	35	13	26
\$2,500 to \$4,999.....	28	7	5	50	45	17	34
\$5,000 to \$9,999.....	37	18	8	40	60	46	63
\$10,000 to \$19,999.....	26	9	7	37	48	40	72
\$20,000 to \$24,999.....	13	5	4	16	8	11	19
\$25,000 to \$39,999.....	23	9	8	27	28	17	82
\$40,000 to \$49,999.....	23	3	3	13	7	13	51
\$50,000 to \$99,999.....	45	33	24	59	48	17	124
\$100,000 to \$249,999.....	35	37	35	183	120	27	135
\$250,000 to \$499,999.....	5	4	16	94	185	60	56
\$500,000 to \$999,999.....	5	1	3	14	47	100	49
\$1,000,000 or more.....	10	3	1	17	21	57	104
Grains.....farms.....	13	14	9	124	168	127	80
.....\$1,000.....	93	213	146	2 842	6 582	7 876	17 205
Sales of \$50,000 or more.....farms.....	-	1	-	13	47	53	50
.....\$1,000.....	-	(D)	-	(D)	4 070	6 078	16 575
Corn for grain.....farms.....	3	1	3	26	25	13	12
.....\$1,000.....	(D)	(D)	31	687	1 356	798	362
Wheat.....farms.....	7	12	5	82	138	102	66
.....\$1,000.....	43	179	67	1 711	4 294	5 901	15 207
Soybeans.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Sorghum for grain.....farms.....	2	2	2	8	7	11	3
.....\$1,000.....	(D)	(D)	(D)	84	100	220	(D)
Barley.....farms.....	3	2	1	38	43	39	20
.....\$1,000.....	15	(D)	(D)	329	574	853	1 389
Oats.....farms.....	-	-	-	2	5	6	6
.....\$1,000.....	-	-	-	(D)	39	(D)	127
Other grains.....farms.....	-	-	-	3	7	2	2
.....\$1,000.....	-	-	-	(D)	219	(D)	(D)
Cotton and cottonseed.....farms.....	56	51	57	292	320	205	95
.....\$1,000.....	3 712	5 216	6 779	48 633	83 337	100 769	108 490
Sales of \$50,000 or more.....farms.....	33	46	47	261	300	202	93
.....\$1,000.....	3 172	5 073	6 554	47 865	82 866	100 728	(D)
Tobacco.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	39	31	24	131	154	108	74
.....\$1,000.....	1 291	696	810	7 386	13 901	18 513	27 419
Sales of \$50,000 or more.....farms.....	12	4	5	52	72	68	44
.....\$1,000.....	854	433	561	5 831	12 327	17 736	27 050
Vegetables, sweet corn, and melons.....farms.....	26	5	10	41	52	50	50
.....\$1,000.....	1 180	615	1 605	14 066	27 639	54 987	137 990
Sales of \$50,000 or more.....farms.....	4	2	7	26	41	37	41
.....\$1,000.....	(D)	(D)	1 560	13 759	27 400	54 781	137 864
Fruits, nuts, and berries.....farms.....	31	20	9	33	31	22	38
.....\$1,000.....	2 337	2 072	1 962	5 202	8 582	15 481	63 418
Sales of \$50,000 or more.....farms.....	14	9	6	15	15	12	21
.....\$1,000.....	2 140	1 922	1 950	4 959	8 351	15 313	63 183
Nursery and greenhouse crops.....farms.....	3	2	1	7	11	7	7
.....\$1,000.....	4 503	(D)	(D)	3 942	9 223	3 767	1 851
Sales of \$50,000 or more.....farms.....	1	-	-	6	8	5	3
.....\$1,000.....	(D)	-	-	(D)	9 173	(D)	1 782
Other crops.....farms.....	1	3	2	9	9	12	11
.....\$1,000.....	(D)	99	(D)	1 018	2 599	2 013	5 964
Sales of \$50,000 or more.....farms.....	-	1	2	2	8	4	8
.....\$1,000.....	-	(D)	(D)	(D)	(D)	1 869	5 911
Poultry and poultry products.....farms.....	6	3	2	9	9	1	4
.....\$1,000.....	1	(Z)	(D)	(D)	4	(D)	2
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Dairy products.....farms.....	15	2	5	15	6	6	4
.....\$1,000.....	(D)	(D)	2 121	21 599	4 262	6 787	226
Sales of \$50,000 or more.....farms.....	13	2	5	10	3	5	1
.....\$1,000.....	(D)	(D)	2 121	21 598	4 231	(D)	(D)
Cattle and calves.....farms.....	169	69	48	241	298	198	694
.....\$1,000.....	28 869	25 721	35 242	64 712	59 665	5 734	173 967
Sales of \$50,000 or more.....farms.....	31	11	9	27	48	28	340
.....\$1,000.....	27 424	25 238	34 819	62 666	57 040	3 482	167 008

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>						
Total sales (see text)—Con						
Hogs and pigs ----- farms..	242	81	76	17	10	10
\$1,000..	26 953	748	3 552	5 051	1 347	19
Sales of \$50,000 or more ----- farms..	36	5	9	5	2	-
\$1,000..	26 355	579	3 365	5 041	(D)	-
Sheep, lambs, and wool ----- farms..	422	188	79	11	14	16
\$1,000..	9 245	1 058	721	23	24	142
Sales of \$50,000 or more ----- farms..	35	3	1	-	-	1
\$1,000..	8 700	877	(D)	-	-	(D)
Other livestock and livestock products (see text) ----- farms..	1 449	768	287	36	28	20
\$1,000..	16 148	4 906	4 733	149	179	105
Sales of \$50,000 or more ----- farms..	43	12	8	1	1	-
\$1,000..	10 652	2 108	3 339	(D)	(D)	-
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>						
Total farm production expenses ----- farms..	7 673	2 149	1 468	260	360	281
\$1,000..	1 301 666	43 965	72 811	33 089	49 948	63 103
Average per farm ----- dollars..	169 642	20 459	49 599	127 265	138 743	224 567
Livestock and poultry purchased ----- farms..	2 343	750	477	102	108	68
\$1,000..	244 484	10 778	7 310	3 466	10 059	32 013
Farms with expenses of—						
\$1 to \$4,999 -----	1 471	625	325	74	91	47
\$5,000 to \$24,999 -----	503	84	97	13	5	10
\$25,000 to \$99,999 -----	227	15	38	8	4	4
\$100,000 or more -----	142	26	17	7	8	7
Feed for livestock and poultry ----- farms..	4 084	1 377	738	152	185	105
\$1,000..	208 527	12 303	22 824	14 761	21 516	14 784
Farms with expenses of—						
\$1 to \$4,999 -----	3 004	1 144	550	123	161	83
\$5,000 to \$24,999 -----	733	184	115	5	3	10
\$25,000 to \$99,999 -----	152	31	21	5	5	3
\$100,000 or more -----	195	18	52	19	16	9
Commercially mixed formula feeds ----- farms..	1 567	595	347	54	47	22
\$1,000..	60 742	3 968	10 933	5 941	9 248	3 908
Farms with expenses of—						
\$1 to \$4,999 -----	1 231	563	269	34	28	12
\$5,000 to \$24,999 -----	153	13	27	2	1	1
\$25,000 to \$79,999 -----	70	14	15	5	4	3
\$80,000 or more -----	113	5	36	13	14	6
Seeds, bulbs, plants, and trees ----- farms..	2 374	224	325	83	127	156
\$1,000..	17 741	279	1 703	77	122	304
Farms with expenses of—						
\$1 to \$999 -----	1 023	211	304	58	92	75
\$1,000 to \$4,999 -----	768	1	5	24	35	60
\$5,000 to \$24,999 -----	470	9	6	1	-	20
\$25,000 or more -----	113	3	10	-	-	1
Commercial fertilizer ----- farms..	3 075	397	536	111	201	195
\$1,000..	51 672	233	798	272	391	763
Farms with expenses of—						
\$1 to \$4,999 -----	1 753	388	516	88	173	131
\$5,000 to \$24,999 -----	906	8	16	23	28	62
\$25,000 to \$49,999 -----	196	1	1	-	-	1
\$50,000 or more -----	220	-	3	-	-	1
Agricultural chemicals ----- farms..	3 253	555	599	105	158	186
\$1,000..	60 366	222	796	232	257	1 054
Farms with expenses of—						
\$1 to \$4,999 -----	1 954	554	571	89	155	138
\$5,000 to \$24,999 -----	792	-	24	16	3	39
\$25,000 to \$49,999 -----	241	1	4	-	-	9
\$50,000 or more -----	266	-	-	-	-	-
Petroleum products ----- farms..	6 896	1 752	1 294	249	338	238
\$1,000..	44 554	2 072	1 784	662	797	1 319
Farms with expenses of—						
\$1 to \$4,999 -----	5 251	1 676	1 224	223	311	165
\$5,000 to \$24,999 -----	1 295	70	65	24	23	59
\$25,000 to \$49,999 -----	217	4	4	1	1	13
\$50,000 or more -----	133	2	1	1	3	1
Gasoline and gasohol ----- farms..	5 923	1 476	1 101	216	295	209
\$1,000..	16 532	1 214	985	402	353	430
Diesel fuel ----- farms..	3 603	584	607	115	169	162
\$1,000..	19 590	510	468	182	296	679
Natural gas ----- farms..	505	103	56	13	16	20
\$1,000..	3 600	101	109	13	78	31
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	4 805	842	779	191	249	200
\$1,000..	4 833	247	221	65	69	179

See footnotes at end of table

Table 51. **Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.</b>							
Total sales (see text)—Con.							
Hogs and pigs ----- farms...	12	-	1	15	8	6	6
\$1,000... (D)	293	-	(D)	(D)	12 184	(D)	216
Sales of \$50,000 or more ----- farms...	2	-	1	6	3	2	1
\$1,000... (D)	(D)	-	(D)	2 539	12 139	(D)	(D)
Sheep, lambs, and wool ----- farms...	16	3	5	10	12	13	55
\$1,000... (D)	269	6	11	10	971	772	5 237
Sales of \$50,000 or more ----- farms...	1	-	-	-	4	5	20
\$1,000... (D)	(D)	-	-	-	941	753	5 089
Other livestock and livestock products (see text) ----- farms...	42	15	10	37	36	22	148
\$1,000... (D)	201	185	148	815	788	40	3 899
Sales of \$50,000 or more ----- farms...	-	2	1	3	2	-	13
\$1,000... (D)	-	(D)	(D)	702	(D)	-	3 408
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
Total farm production expenses ----- farms...	333	147	128	644	582	480	841
\$1,000... (D)	52 888	32 585	41 005	149 144	153 061	162 204	447 864
Average per farm ----- dollars...	158 822	221 664	320 349	231 590	262 992	337 925	532 538
Livestock and poultry purchased ----- farms...	74	26	18	104	136	106	374
\$1,000... (D)	14 709	17 544	20 212	34 077	28 772	2 166	63 378
Farms with expenses of—							
\$1 to \$4,999 -----	41	4	10	51	45	63	95
\$5,000 to \$24,999 -----	9	18	4	26	54	28	155
\$25,000 to \$99,999 -----	17	2	3	18	30	6	82
\$100,000 or more -----	7	2	1	9	7	9	42
Feed for livestock and poultry ----- farms...	159	48	48	227	232	207	606
\$1,000... (D)	15 552	5 834	9 291	28 290	18 456	3 788	41 128
Farms with expenses of—							
\$1 to \$4,999 -----	114	29	37	168	151	176	268
\$5,000 to \$24,999 -----	31	14	4	36	69	19	243
\$25,000 to \$99,999 -----	-	2	1	7	5	6	66
\$100,000 or more -----	14	3	6	16	7	6	29
Commercially mixed formula feeds ----- farms...	57	6	20	48	99	43	229
\$1,000... (D)	4 542	2 791	360	11 373	3 746	1 676	2 257
Farms with expenses of—							
\$1 to \$4,999 -----	38	1	14	28	90	31	123
\$5,000 to \$24,999 -----	6	2	1	5	4	6	85
\$25,000 to \$79,999 -----	2	-	3	6	-	2	16
\$80,000 or more -----	11	3	2	9	5	4	5
Seeds, bulbs, plants, and trees ----- farms...	120	78	79	414	330	270	168
\$1,000... (D)	828	95	155	1 491	2 025	3 906	6 757
Farms with expenses of—							
\$1 to \$999 -----	51	40	28	75	50	15	24
\$1,000 to \$4,999 -----	48	37	49	249	146	84	30
\$5,000 to \$24,999 -----	20	1	2	85	122	141	63
\$25,000 or more -----	1	-	-	5	12	30	51
Commercial fertilizer ----- farms...	145	82	95	440	321	299	253
\$1,000... (D)	791	364	678	5 429	7 986	12 372	21 593
Farms with expenses of—							
\$1 to \$4,999 -----	62	56	34	105	59	48	93
\$5,000 to \$24,999 -----	83	25	61	299	153	98	50
\$25,000 to \$49,999 -----	-	1	-	31	70	70	21
\$50,000 or more -----	-	-	-	5	39	83	89
Agricultural chemicals ----- farms...	170	89	87	416	321	307	260
\$1,000... (D)	1 204	579	949	6 657	8 889	15 949	23 577
Farms with expenses of—							
\$1 to \$4,999 -----	88	47	30	70	61	52	99
\$5,000 to \$24,999 -----	72	42	54	270	130	78	64
\$25,000 to \$49,999 -----	9	-	2	68	71	63	14
\$50,000 or more -----	1	-	1	8	59	114	83
Petroleum products ----- farms...	315	131	128	619	551	464	817
\$1,000... (D)	1 062	691	900	5 034	6 265	7 456	16 512
Farms with expenses of—							
\$1 to \$4,999 -----	253	98	84	289	267	212	449
\$5,000 to \$24,999 -----	57	32	43	307	214	151	250
\$25,000 to \$49,999 -----	3	-	-	19	55	72	45
\$50,000 or more -----	2	1	1	4	15	29	73
Gasoline and gasohol ----- farms...	241	112	92	522	465	417	777
\$1,000... (D)	501	247	195	1 585	1 802	2 233	6 585
Diesel fuel ----- farms...	190	88	105	483	375	325	400
\$1,000... (D)	371	196	322	2 427	3 221	4 010	6 906
Natural gas ----- farms...	26	15	15	52	74	28	87
\$1,000... (D)	25	187	300	379	592	429	1 355
LP gas, fuel oil, kerosene, motor oil, grease, etc ----- farms...	235	108	116	543	444	399	699
\$1,000... (D)	165	62	83	642	650	784	1 666

See footnotes at end of table

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>						
— Con.						
Total farm production expenses—Con.						
Electricity.....farms.....	4 870	1 236	931	139	231	149
.....\$1,000.....	38 289	1 103	1 848	745	785	675
Farms with expenses of—						
\$1 to \$999.....	2 812	992	642	107	158	89
\$1,000 to \$4,999.....	1 257	220	227	11	51	27
\$5,000 to \$24,999.....	543	21	50	13	13	27
\$25,000 or more.....	258	3	12	8	9	6
Hired farm labor.....farms.....	3 582	514	491	132	151	151
.....\$1,000.....	207 689	5 200	11 457	4 018	4 052	4 052
Farms with expenses of—						
\$1 to \$4,999.....	1 527	402	312	89	90	80
\$5,000 to \$24,999.....	976	70	112	22	39	45
\$25,000 to \$99,999.....	724	33	34	11	13	17
\$100,000 or more.....	355	9	33	10	9	9
Contract labor.....farms.....	1 728	277	298	50	49	81
.....\$1,000.....	40 353	644	1 884	711	956	482
Farms with expenses of—						
\$1 to \$999.....	419	139	105	8	6	31
\$1,000 to \$4,999.....	631	111	155	12	24	33
\$5,000 to \$24,999.....	487	27	29	20	14	13
\$25,000 or more.....	191	-	9	10	5	4
Repair and maintenance.....farms.....	6 001	1 453	1 004	209	303	196
.....\$1,000.....	53 723	2 078	2 453	1 405	1 408	1 276
Farms with expenses of—						
\$1 to \$4,999.....	4 497	1 386	919	171	269	131
\$5,000 to \$24,999.....	1 051	63	63	31	15	61
\$25,000 to \$49,999.....	234	2	16	-	15	1
\$50,000 or more.....	219	2	6	7	4	3
Customwork, machine hire, and rental of machinery and equipment.....farms.....	2 488	384	434	86	114	151
.....\$1,000.....	35 038	248	1 034	310	602	851
Farms with expenses of—						
\$1 to \$999.....	999	353	244	17	47	42
\$1,000 to \$4,999.....	519	23	122	53	27	51
\$5,000 to \$24,999.....	645	7	63	15	37	54
\$25,000 or more.....	325	1	5	1	3	4
Interest expense.....farms.....	3 465	660	521	156	128	167
.....\$1,000.....	74 553	2 817	4 961	2 089	2 692	2 023
Farms with expenses of—						
\$1 to \$4,999.....	1 834	517	372	84	75	94
\$5,000 to \$24,999.....	1 106	135	112	54	39	51
\$25,000 to \$99,999.....	393	4	27	14	8	19
\$100,000 or more.....	132	4	10	4	6	3
Secured by real estate.....farms.....	2 295	505	360	122	71	110
.....\$1,000.....	47 071	1 593	2 779	1 099	1 045	1 508
Farms with expenses of—						
\$1 to \$999.....	392	181	60	28	25	24
\$1,000 to \$4,999.....	863	252	202	40	18	26
\$5,000 to \$24,999.....	713	71	78	42	22	38
\$25,000 or more.....	327	1	20	12	6	22
Not secured by real estate.....farms.....	1 761	245	218	61	71	73
.....\$1,000.....	27 482	1 224	2 181	990	1 646	515
Farms with expenses of—						
\$1 to \$999.....	394	113	78	25	11	25
\$1,000 to \$4,999.....	645	86	81	9	31	32
\$5,000 to \$24,999.....	509	39	37	20	20	13
\$25,000 or more.....	213	7	22	7	9	3
Cash rent.....farms.....	1 780	93	179	82	77	112
.....\$1,000.....	46 666	220	1 652	337	525	542
Farms with expenses of—						
\$1 to \$4,999.....	871	88	159	62	50	53
\$5,000 to \$9,999.....	278	-	1	15	23	56
\$10,000 to \$24,999.....	259	4	7	2	2	3
\$25,000 or more.....	372	1	12	3	2	-
Property taxes.....farms.....	6 788	2 035	1 343	215	322	215
.....\$1,000.....	21 154	1 145	1 596	524	660	359
Farms with expenses of—						
\$1 to \$4,999.....	5 983	2 031	1 306	187	288	204
\$5,000 to \$9,999.....	384	4	23	18	28	5
\$10,000 to \$24,999.....	281	-	10	8	2	5
\$25,000 or more.....	140	-	4	2	4	1
All other farm production expenses.....farms.....	7 078	1 862	1 298	255	339	250
.....\$1,000.....	156 858	4 623	10 712	3 480	4 895	2 607
Farms with expenses of—						
\$1 to \$4,999.....	5 045	1 763	1 181	212	278	150
\$5,000 to \$24,999.....	1 149	61	59	30	46	79
\$25,000 to \$49,999.....	370	27	13	-	2	13
\$50,000 or more.....	514	11	45	13	13	8

See footnotes at end of table.



Table 51. **Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
— Con.							
Total farm production expenses—Con							
Electricity.....farms.....	208	86	80	435	447	380	548
.....\$1,000.....	972	387	490	3 662	4 485	6 472	16 666
Farms with expenses of—							
\$1 to \$999.....	94	35	40	168	150	124	213
\$1,000 to \$4,999.....	73	47	21	128	173	111	168
\$5,000 to \$24,999.....	33	1	17	111	77	82	98
\$25,000 or more.....	8	3	2	28	47	63	69
Hired farm labor.....farms.....	187	88	90	443	402	347	586
.....\$1,000.....	5 111	1 770	2 281	18 581	23 623	36 407	90 906
Farms with expenses of—							
\$1 to \$4,999.....	84	33	35	61	83	82	176
\$5,000 to \$24,999.....	78	39	37	207	122	54	151
\$25,000 to \$99,999.....	16	12	14	156	151	124	143
\$100,000 or more.....	9	4	4	19	46	87	116
Contract labor.....farms.....	82	30	82	221	192	151	215
.....\$1,000.....	1 565	346	571	4 073	6 923	9 078	13 121
Farms with expenses of—							
\$1 to \$999.....	20	2	15	16	28	25	24
\$1,000 to \$4,999.....	19	11	30	65	63	28	80
\$5,000 to \$24,999.....	32	14	35	104	64	62	73
\$25,000 or more.....	11	3	2	36	37	36	38
Repair and maintenance.....farms.....	301	129	118	570	543	433	742
.....\$1,000.....	2 220	642	790	6 355	7 011	10 091	17 993
Farms with expenses of—							
\$1 to \$4,999.....	250	92	87	298	290	178	426
\$5,000 to \$24,999.....	41	34	29	233	170	102	209
\$25,000 to \$49,999.....	4	2	1	14	53	85	41
\$50,000 or more.....	6	1	1	25	30	68	66
Customwork, machine hire, and rental of machinery and equipment.....farms.....	114	60	79	323	260	228	255
.....\$1,000.....	1 032	315	937	6 111	4 752	6 070	12 777
Farms with expenses of—							
\$1 to \$999.....	36	18	19	57	34	56	76
\$1,000 to \$4,999.....	26	19	18	34	45	32	69
\$5,000 to \$24,999.....	38	22	25	141	120	71	52
\$25,000 or more.....	14	1	17	91	61	69	58
Interest expense.....farms.....	190	70	92	383	342	304	452
.....\$1,000.....	3 141	824	995	6 818	6 593	10 261	31 340
Farms with expenses of—							
\$1 to \$4,999.....	97	38	35	163	137	59	163
\$5,000 to \$24,999.....	72	29	49	165	139	131	130
\$25,000 to \$99,999.....	16	—	7	44	56	93	105
\$100,000 or more.....	5	3	1	11	10	21	54
Secured by real estate.....farms.....	125	53	49	253	181	161	305
.....\$1,000.....	2 315	564	459	4 211	3 960	6 652	20 885
Farms with expenses of—							
\$1 to \$999.....	16	7	—	18	6	9	18
\$1,000 to \$4,999.....	25	17	16	76	74	14	103
\$5,000 to \$24,999.....	67	27	30	119	58	73	88
\$25,000 or more.....	17	2	3	40	43	65	96
Not secured by real estate.....farms.....	106	36	55	218	232	192	254
.....\$1,000.....	825	260	536	2 607	2 632	3 609	10 455
Farms with expenses of—							
\$1 to \$999.....	12	2	1	27	39	29	32
\$1,000 to \$4,999.....	80	30	27	100	66	37	66
\$5,000 to \$24,999.....	7	2	25	82	108	73	83
\$25,000 or more.....	7	2	2	9	19	53	73
Cash rent.....farms.....	58	50	55	288	280	208	298
.....\$1,000.....	544	1 484	617	4 870	6 840	8 811	20 222
Farms with expenses of—							
\$1 to \$4,999.....	28	13	25	103	89	67	134
\$5,000 to \$9,999.....	19	6	9	45	40	25	39
\$10,000 to \$24,999.....	3	30	17	68	47	31	45
\$25,000 or more.....	8	1	4	72	104	85	80
Property taxes.....farms.....	303	123	76	527	473	417	739
.....\$1,000.....	747	240	212	1 995	2 463	3 092	8 121
Farms with expenses of—							
\$1 to \$4,999.....	255	116	64	408	345	272	507
\$5,000 to \$9,999.....	28	3	9	60	70	54	82
\$10,000 to \$24,999.....	18	4	2	53	37	65	77
\$25,000 or more.....	2	—	1	6	21	26	73
All other farm production expenses.....farms.....	327	139	121	602	575	479	831
.....\$1,000.....	3 409	1 471	1 924	15 702	17 977	26 284	63 772
Farms with expenses of—							
\$1 to \$4,999.....	228	88	52	274	261	192	366
\$5,000 to \$24,999.....	81	30	36	186	158	112	271
\$25,000 to \$49,999.....	10	17	29	84	63	54	58
\$50,000 or more.....	8	4	4	58	93	121	136

See footnotes at end of table

Table 51. **Summary by Size of Farm: 1987—Con.**

(For meaning of abbreviations and symbols, see introductory text)

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>						
All farms.....number.....	7 673	2 149	1 468	260	360	281
.....\$1,000.....	306 975	4 603	16 963	10 055	9 342	6 254
Average per farm.....dollars.....	40 007	2 142	11 555	38 674	25 951	22 258
Farms with net gains <sup>2</sup> .....number.....	3 558	662	448	108	172	143
Average net gain.....dollars.....	97 044	19 830	51 006	105 494	61 813	57 748
Gain of—						
Less than \$1,000.....	512	254	85	16	21	27
\$1,000 to \$9,999.....	1 110	283	189	36	80	48
\$10,000 to \$49,999.....	896	73	106	26	45	43
\$50,000 or more.....	1 040	52	68	30	26	25
Farms with net losses.....number.....	4 115	1 487	1 020	152	188	138
Average net loss.....dollars.....	9 309	5 733	5 772	8 804	6 859	14 518
Loss of—						
Less than \$1,000.....	626	319	118	27	25	9
\$1,000 to \$9,999.....	2 568	974	745	82	127	64
\$10,000 to \$49,999.....	820	191	154	41	33	56
\$50,000 or more.....	101	3	3	2	3	9
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>						
Government payments.....farms.....	1 194	13	29	15	35	36
.....\$1,000.....	58 034	173	149	108	335	419
Other farm-related income <sup>1</sup> .....farms.....	942	248	177	27	56	55
.....\$1,000.....	10 889	725	1 247	220	326	463
Customwork and other agricultural services.....farms.....	425	83	64	10	24	41
.....\$1,000.....	3 631	147	564	14	160	306
Gross cash rent or share payments.....farms.....	326	87	74	6	21	11
.....\$1,000.....	5 273	366	574	98	102	111
Forest products and Christmas trees.....farms.....	29	-	8	-	-	-
.....\$1,000.....	682	-	22	-	-	-
Other farm-related income sources.....farms.....	215	85	32	15	12	3
.....\$1,000.....	1 303	213	87	107	64	47
<b>COMMODITY CREDIT CORPORATION LOANS</b>						
Total.....farms.....	242	30	14	5	7	10
.....\$1,000.....	13 464	616	103	90	84	260
Corn.....farms.....	20	-	1	-	-	-
.....\$1,000.....	1 060	-	(D)	-	-	-
Wheat.....farms.....	31	-	1	-	3	1
.....\$1,000.....	939	-	(D)	-	6	(D)
Soybeans.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Sorghum, barley, and oats.....farms.....	5	-	-	-	-	1
.....\$1,000.....	21	-	-	-	-	(D)
Cotton.....farms.....	171	-	4	2	6	8
.....\$1,000.....	10 465	-	(D)	(D)	78	244
Peanuts, rye, rice, tobacco, and honey.....farms.....	46	30	8	3	-	2
.....\$1,000.....	978	616	94	(D)	-	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>						
Total cropland.....farms.....	4 840	840	1 152	190	264	210
.....acres.....	1 453 852	2 816	20 225	7 943	16 563	19 656
Harvested cropland.....farms.....	3 646	545	836	125	191	164
.....acres.....	865 817	1 683	12 374	4 102	8 625	11 139
Farms by acres harvested						
1 to 49 acres.....	1 924	545	836	82	101	60
50 to 99 acres.....	330	-	-	43	90	38
100 to 199 acres.....	383	-	-	-	-	66
200 to 499 acres.....	564	-	-	-	-	-
500 to 999 acres.....	267	-	-	-	-	-
1,000 to 1,999 acres.....	121	-	-	-	-	-
2,000 acres or more.....	57	-	-	-	-	-
Cropland:						
Pasture or grazing only.....farms.....	1 551	314	387	86	97	69
.....acres.....	139 721	991	5 149	2 707	4 902	4 913
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured.....farms.....	201	9	36	4	1	6
.....acres.....	23 694	(D)	(D)	(D)	(D)	412
On which all crops failed.....farms.....	164	17	49	7	14	11
.....acres.....	5 445	26	625	208	447	358
In cultivated summer fallow.....farms.....	298	1	6	1	4	7
.....acres.....	85 416	(D)	(D)	(D)	(D)	184
Idle.....farms.....	1 443	58	169	37	64	58
.....acres.....	333 759	103	1 763	859	2 404	2 650
Total woodland.....farms.....	280	24	65	17	17	12
.....acres.....	4 106 447	82	941	350	461	553
Woodland pastured.....farms.....	190	14	34	11	10	9
.....acres.....	3 848 812	65	600	275	336	366
Woodland not pastured.....farms.....	109	10	32	6	7	5
.....acres.....	257 635	17	341	75	125	187

See footnotes at end of table

Table 51. **Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>							
All farms.....number.....	333	147	128	644	582	480	841
\$1,000.....	10 746	7 321	5 890	33 198	49 887	56 388	96 327
Average per farm.....dollars.....	32 270	49 801	46 017	51 550	85 717	117 476	114 539
Farms with net gains <sup>2</sup> .....number.....	177	72	49	445	379	354	549
Average net gain.....dollars.....	70 067	108 855	142 041	80 786	141 359	168 639	186 881
Gain of—							
Less than \$1,000.....	16	3	1	18	26	21	24
\$1,000 to \$9,999.....	42	11	4	98	78	89	152
\$10,000 to \$49,999.....	83	38	14	145	102	61	160
\$50,000 or more.....	36	20	30	184	173	183	213
Farms with net losses.....number.....	156	75	79	199	203	126	292
Average net loss.....dollars.....	10 616	6 890	13 543	13 828	18 166	26 269	21 474
Loss of—							
Less than \$1,000.....	17	15	4	38	34	1	19
\$1,000 to \$9,999.....	95	35	47	95	87	64	153
\$10,000 to \$49,999.....	36	25	28	58	61	43	94
\$50,000 or more.....	8	-	-	8	21	18	26
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>							
Government payments.....farms.....	59	50	57	289	312	182	117
\$1,000.....	774	1 396	1 305	8 781	14 681	16 335	13 577
Other farm-related income <sup>1</sup> .....farms.....	18	27	23	106	80	59	66
\$1,000.....	113	278	325	1 908	1 365	2 135	1 784
Customwork and other agncultural services.....farms.....	13	19	16	67	46	21	21
\$1,000.....	72	(D)	302	800	475	(D)	273
Gross cash rent or share payments.....farms.....	3	8	1	30	31	33	21
\$1,000.....	(D)	(D)	(D)	1 030	718	1 024	1 096
Forest products and Christmas trees.....farms.....	1	-	6	4	-	1	9
\$1,000.....	(D)	-	(D)	3	-	(D)	154
Other farm-related income sources.....farms.....	3	-	-	13	16	14	22
\$1,000.....	34	-	-	76	172	242	260
<b>COMMODITY CREDIT CORPORATION LOANS</b>							
Total.....farms.....	8	10	10	50	47	34	17
\$1,000.....	114	394	440	1 644	2 885	3 795	3 038
Corn.....farms.....	-	-	-	5	9	4	1
\$1,000.....	-	-	-	(D)	528	349	(D)
Wheat.....farms.....	2	-	1	7	7	7	2
\$1,000.....	(D)	-	(D)	45	(D)	(D)	(D)
Soybeans.....farms.....	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-
Sorghum, barley, and oats.....farms.....	-	-	1	1	1	1	-
\$1,000.....	-	-	(D)	(D)	(D)	(D)	-
Cotton.....farms.....	5	8	10	45	38	31	14
\$1,000.....	68	(D)	(D)	1 441	2 228	3 233	2 488
Peanuts, rye, rice, tobacco, and honey.....farms.....	1	2	-	-	-	-	-
\$1,000.....	(D)	(D)	-	-	-	-	-
<b>LAND IN FARMS ACCORDING TO USE</b>							
Total cropland.....farms.....	234	131	114	515	529	311	350
Harvested cropland.....acres.....	29 519	21 801	24 286	165 794	289 759	304 366	551 124
.....farms.....	169	104	92	422	453	278	267
.....acres.....	13 714	10 496	13 117	91 201	165 540	202 237	331 589
Farms by acres harvested							
1 to 49 acres.....	62	29	11	46	61	25	66
50 to 99 acres.....	37	23	18	31	8	9	33
100 to 199 acres.....	70	46	39	100	36	6	20
200 to 499 acres.....	-	6	24	245	217	49	23
500 to 999 acres.....	-	-	-	-	131	105	31
1,000 to 1,999 acres.....	-	-	-	-	-	84	37
2,000 acres or more.....	-	-	-	-	-	-	57
Cropland							
Pasture or grazing only.....farms.....	91	45	28	131	125	59	119
.....acres.....	8 382	5 076	3 934	30 056	37 408	8 162	28 041
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured.....farms.....	15	10	6	24	38	23	29
.....acres.....	(D)	604	476	1 830	2 989	4 392	11 995
On which all crops failed.....farms.....	12	2	3	13	14	12	10
.....acres.....	(D)	(D)	310	583	472	763	1 468
In cultivated summer fallow.....farms.....	16	7	9	68	88	60	31
.....acres.....	866	(D)	572	8 677	20 408	19 766	34 517
Idle.....farms.....	79	64	275	275	274	171	130
.....acres.....	5 833	5 321	5 877	33 447	62 942	69 046	143 514
Total woodland.....farms.....	19	14	4	20	39	9	40
.....acres.....	1 261	799	321	3 135	14 832	3 709	4 080 003
Woodland pastured.....farms.....	16	6	3	15	34	5	33
.....acres.....	973	(D)	(D)	1 773	12 779	2 837	3 828 238
Woodland not pastured.....farms.....	5	8	2	9	10	4	11
.....acres.....	288	(D)	(D)	1 362	2 053	879	251 765

See footnotes at end of table

Table 51. **Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>						
Pastureland and rangeland other than cropland and woodland pastured .....	farms.. 2 399	241	333	89	69	71
acres.. 29 840 297		655	5 776	3 462	4 209	5 698
Land in house lots, ponds, roads, wasteland, etc. ....	farms.. 4 203	1 589	803	134	161	101
acres.. 887 198		3 300	7 094	2 937	4 149	2 656
Cropland under federal acreage reduction programs:						
Annual commodity acreage adjustment programs .....	farms.. 1 045	-	11	11	20	27
acres.. 119 003		-	52	98	254	511
Conservation reserve program .....	farms.. 73	1	-	-	-	3
acres.. 13 988		(D)	-	-	-	(D)
Value of land and buildings <sup>1</sup> .....	farms.. 7 673	2 149	1 468	280	360	281
\$1,000.. 10 111 212		171 870	244 389	69 287	116 262	85 899
Average per farm .....	dollars.. 1 317 765	79 977	166 478	266 488	322 950	305 690
Average per acre .....	dollars.. 279	25 421	7 405	4 690	3 904	2 666
Farms by value group:						
\$1 to \$39,999 .....	1 356	1 057	181	27	21	15
\$40,000 to \$59,999 .....	618	179	292	25	47	18
\$70,000 to \$99,999 .....	562	232	160	33	39	10
\$100,000 to \$149,999 .....	790	268	275	46	37	38
\$150,000 to \$199,999 .....	564	173	162	16	30	7
\$200,000 to \$499,999 .....	1 597	217	353	72	114	150
\$500,000 to \$999,999 .....	817	20	31	31	68	40
\$1,000,000 to \$1,999,999 .....	577	-	7	7	1	2
\$2,000,000 to \$4,999,999 .....	522	2	7	3	2	1
\$5,000,000 or more .....	270	1	-	-	1	-
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>						
Estimated market value of all machinery and equipment .....	farms.. 7 635	2 135	1 449	260	360	281
\$1,000.. 425 285		32 472	33 006	10 214	13 172	10 022
Farms by value group:						
\$1 to \$4,999 .....	858	462	106	25	31	35
\$5,000 to \$9,999 .....	1 920	849	502	68	73	50
\$10,000 to \$19,999 .....	1 479	377	346	51	90	51
\$20,000 to \$49,999 .....	1 591	299	324	60	88	77
\$50,000 to \$99,999 .....	836	100	120	24	63	54
\$100,000 to \$199,999 .....	529	46	42	26	8	7
\$200,000 to \$499,999 .....	310	2	8	4	3	7
\$500,000 or more .....	112	-	1	2	4	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>						
Motortrucks, including pickups .....	farms.. 6 890	1 799	1 288	226	319	240
number.. 18 570		2 869	2 193	435	642	487
Wheel tractors .....	farms.. 5 398	1 171	1 093	209	301	243
number.. 13 364		1 694	1 831	436	625	452
Less than 40 horsepower (PTO) .....	farms.. 3 014	913	662	152	193	129
number.. 4 492		1 069	853	233	262	169
40 horsepower (PTO) or more .....	farms.. 3 426	385	623	105	168	173
number.. 8 872		625	978	203	363	283
Grain and bean combines .....	farms.. 332	17	13	9	-	38
number.. 382		17	13	9	-	38
Cottonpickers and strippers .....	farms.. 772	1	1	1	25	28
number.. 1 609		-	(D)	(D)	(D)	33
Mower conditioners .....	farms.. 834	89	83	31	79	82
number.. 1 032		105	87	31	87	88
Pickup balers .....	farms.. 827	86	82	42	44	64
number.. 1 138		119	83	48	65	73
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>						
Commercial fertilizer .....	farms.. 3 074	397	536	111	201	195
acres on which used.. 814 565		1 180	8 549	3 482	9 116	13 907
Lime .....	farms.. -	-	-	-	-	-
acres on which used.. -		-	-	-	-	-
tons.. -		-	-	-	-	-
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops .....	farms.. 2 228	223	347	81	100	122
acres on which used.. 677 844		710	5 813	2 848	4 999	9 214
Nematodes in crops .....	farms.. 202	15	27	15	8	19
acres on which used.. 32 365		15	103	729	650	980
Diseases in crops and orchards .....	farms.. 333	56	76	11	17	29
acres on which used.. 61 965		145	785	399	231	1 814
Weeds, grass, or brush in crops and pasture .....	farms.. 1 770	180	278	50	65	99
acres on which used.. 538 181		467	3 897	1 068	1 956	5 633
Chemicals for detoliation or for growth control of crops or thinning of fruit .....	farms.. 1 120	23	88	15	28	64
acres on which used.. 311 847		53	1 359	449	1 097	4 777

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>							
Pastureland and rangeland other than cropland and woodland pastured .. farms..	117	53	32	168	258	228	740
acres..	13 726	7 367	4 656	44 931	144 650	268 508	29 336 659
Land in house lots, ponds, roads, wasteland, etc. .... farms..	156	66	54	273	329	208	329
acres..	5 260	2 634	2 115	14 446	24 394	24 143	794 070
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs .. farms..	48	47	52	275	293	174	87
acres..	1 240	1 691	2 187	16 852	31 314	32 788	32 016
Conservation reserve program .. farms..	5	1	3	17	20	14	9
acres..	230	(D)	415	1 054	3 047	4 690	4 473
Value of land and buildings <sup>1</sup> .. farms..	333	147	128	644	582	480	841
\$1,000..	144 370	64 562	74 224	474 255	670 620	926 994	7 068 480
Average per farm .. dollars..	433 544	439 197	579 875	736 421	1 152 268	1 931 238	8 404 851
Average per acre .. dollars..	2 758	2 233	2 438	2 000	1 697	1 408	203
Farms by value group:							
\$1 to \$39,999 ..	9	-	-	2	36	7	1
\$40,000 to \$69,999 ..	27	-	2	9	17	1	1
\$70,000 to \$99,999 ..	10	27	-	27	8	15	1
\$100,000 to \$149,999 ..	50	13	-	13	9	30	11
\$150,000 to \$199,999 ..	40	17	3	61	21	20	14
\$200,000 to \$499,999 ..	121	49	70	183	104	42	122
\$500,000 to \$999,999 ..	50	32	33	185	133	83	111
\$1,000,000 to \$1,999,999 ..	14	6	20	138	150	99	133
\$2,000,000 to \$4,999,999 ..	10	2	-	25	97	144	229
\$5,000,000 or more ..	2	1	-	1	7	39	218
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Estimated market value of all machinery and equipment .. farms..	328	147	128	644	582	480	841
\$1,000..	14 805	8 296	7 300	53 200	49 013	67 265	126 521
Farms by value group:							
\$1 to \$4,999 ..	24	-	-	59	52	4	60
\$5,000 to \$9,999 ..	57	30	21	42	83	69	76
\$10,000 to \$19,999 ..	71	20	22	136	84	65	166
\$20,000 to \$49,999 ..	110	53	47	138	85	91	219
\$50,000 to \$99,999 ..	37	25	5	122	109	44	133
\$100,000 to \$199,999 ..	24	11	29	85	100	79	72
\$200,000 to \$499,999 ..	3	7	3	49	56	101	67
\$500,000 or more ..	2	1	1	13	13	27	48
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Motortrucks, including pickups .. farms..	302	136	120	616	565	462	817
number..	706	360	230	1 430	1 550	1 662	4 006
Wheel tractors .. farms..	236	129	107	547	417	384	561
number..	581	324	256	1 619	1 454	1 764	2 328
Less than 40 horsepower (PTO) .. farms..	132	52	53	179	155	133	261
number..	217	77	84	309	270	316	633
40 horsepower (PTO) or more .. farms..	188	109	81	489	361	342	402
number..	364	247	172	1 310	1 184	1 448	1 695
Grain and bean combines .. farms..	15	20	9	59	51	47	54
number..	15	20	9	67	63	62	69
Cottonpickers and strippers .. farms..	38	29	33	192	174	176	75
number..	108	38	54	259	341	470	272
Mower conditioners .. farms..	55	15	35	70	96	101	98
number..	64	17	45	86	118	167	137
Pickup balers .. farms..	51	21	25	103	85	114	110
number..	88	23	25	118	125	192	179
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>							
Commercial fertilizer .. farms..	145	82	95	440	321	299	252
acres on which used..	14 324	7 636	11 632	90 440	122 676	191 310	340 313
Lime .. farms..	-	-	-	-	-	-	-
acres on which used..	-	-	-	-	-	-	-
tons..	-	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops .. farms..	129	72	76	374	280	265	159
acres on which used..	13 179	6 225	10 148	82 107	103 548	166 381	272 672
Nematodes in crops .. farms..	3	9	15	27	25	25	14
acres on which used..	348	824	1 815	4 289	5 437	5 437	11 738
Diseases in crops and orchards .. farms..	28	1	7	24	29	20	35
acres on which used..	(D)	(D)	796	2 694	5 187	12 628	35 794
Weeds, grass, or brush in crops and pasture .. farms..	99	47	59	308	224	215	146
acres on which used..	4 955	3 394	8 244	58 327	76 705	127 582	245 953
Chemicals for defoliation or for growth control of crops or thinning of fruit .. farms..	75	55	51	298	173	176	74
acres on which used..	5 276	4 704	7 315	52 493	48 213	86 646	99 465

See footnotes at end of table

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>TENURE AND RACE OF OPERATOR</b>						
All operators .....	7 669	2 158	1 510	256	314	247
Full owners .....	5 044	1 928	1 197	180	231	146
Part owners .....	1 530	94	164	37	42	49
Tenants .....	1 095	136	149	39	41	52
White .....	7 071	1 940	1 425	234	291	230
Full owners .....	4 599	1 722	1 130	167	217	139
Part owners .....	1 472	90	157	36	39	44
Tenants .....	1 000	128	138	31	35	47
Black and other races .....	598	218	85	22	23	17
Full owners .....	445	206	67	13	14	7
Part owners .....	58	4	7	1	3	5
Tenants .....	95	8	11	8	6	5
<b>OWNED AND RENTED LAND</b>						
Land owned .....	6 597	2 023	1 365	217	276	196
acres .....	27 710 007	75 811	42 356	13 439	22 119	27 601
Owned land in farms .....	6 574	2 022	1 361	217	273	195
acres .....	26 464 825	6 184	28 106	11 440	19 749	18 902
Land rented or leased from others .....	2 656	239	318	77	83	102
acres .....	10 152 440	46 704	24 323	6 472	6 305	10 031
Rented or leased land in farms .....	2 625	230	313	76	83	101
acres .....	9 822 969	669	5 930	3 252	5 633	9 661
Land rented or leased to others .....	504	86	81	17	29	20
acres .....	1 574 653	115 662	32 643	5 219	3 042	9 069
<b>OPERATOR CHARACTERISTICS</b>						
Operators by place of residence .....						
On farm operated .....	4 679	1 560	935	148	180	123
Not on farm operated .....	2 469	428	501	95	123	107
Not reported .....	521	170	74	13	11	17
Operators by principal occupation .....						
Farming .....	3 782	595	534	118	176	129
Other .....	3 887	1 563	976	138	138	118
Operators by days of work off farm .....						
None .....	2 830	531	437	84	128	86
Any .....	4 423	1 560	1 001	157	175	144
1 to 99 days .....	691	156	139	18	35	27
100 to 199 days .....	735	217	131	18	34	26
200 days or more .....	2 997	1 187	731	121	106	91
Not reported .....	416	67	72	15	11	17
Operators by years on present farm .....						
2 years or less .....	725	217	124	31	32	30
3 or 4 years .....	803	316	163	18	30	24
5 to 9 years .....	1 628	528	356	63	66	51
10 years or more .....	3 165	654	636	113	152	102
Average years on present farm .....	13.4	9.4	12.2	13.2	14.4	13.4
Not reported .....	1 348	443	231	31	34	40
Operators by age group .....						
Under 25 years .....	86	27	16	2	3	4
25 to 34 years .....	691	196	112	19	28	27
35 to 44 years .....	1 768	663	347	64	52	50
45 to 49 years .....	968	359	206	31	26	23
50 to 54 years .....	952	259	188	38	52	36
55 to 59 years .....	968	219	194	23	36	24
60 to 64 years .....	874	173	187	28	43	28
65 to 69 years .....	623	138	114	25	31	25
70 years and over .....	739	124	146	26	43	30
Average age .....	51.5	48.7	51.8	51.9	53.8	52.2
Operators by sex .....						
Male .....	6 806	1 745	1 327	239	282	228
Female .....	863	413	183	17	32	19
Operators of Spanish origin (see text) .....	363	90	73	17	14	21
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Individual or family (sole proprietorship) .....	5 356	1 785	1 189	183	210	177
acres .....	6 170 484	5 804	26 162	10 501	16 955	20 476
Partnership .....	1 369	227	187	53	57	46
acres .....	4 574 856	649	4 917	3 051	4 551	5 273
Corporation .....						
Family held .....	609	96	88	12	31	15
acres .....	2 836 580	294	1 994	686	2 570	1 788
More than 10 stockholders .....	17	1	1	1	2	-
10 or less stockholders .....	592	95	87	11	29	15
Other than family held .....	115	10	20	5	5	2
acres .....	1 117 865	32	397	273	386	(D)
More than 10 stockholders .....	25	-	6	2	1	-
10 or less stockholders .....	90	10	14	3	4	2
Other—cooperative, estate or trust, institutional etc .....	220	40	26	3	11	7
acres .....	21 588 009	74	566	181	920	(D)

See footnotes at end of table

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>TENURE AND RACE OF OPERATOR</b>							
All operators .....	316	166	131	613	678	436	844
Full owners .....	227	90	66	291	259	151	278
Part owners .....	55	36	26	161	242	169	455
Tenants .....	34	40	39	161	177	116	111
White .....	303	157	125	573	650	401	742
Full owners .....	217	88	64	272	248	135	200
Part owners .....	52	34	24	148	235	164	449
Tenants .....	34	35	37	153	167	102	93
Black and other races .....	13	9	6	40	28	35	102
Full owners .....	10	2	2	19	11	16	78
Part owners .....	3	2	2	13	7	5	6
Tenants .....	-	5	2	8	10	14	18
<b>OWNED AND RENTED LAND</b>							
Land owned .....	283	126	93	458	503	322	735
acres.....	41 042	559 150	19 671	142 221	260 886	316 711	26 189 000
Owned land in farms.....	282	126	92	452	501	320	733
acres.....	38 982	20 637	18 687	132 648	240 408	304 549	25 624 533
Land rented or leased from others .....	89	76	65	322	425	290	570
acres.....	10 824	12 174	13 005	104 669	257 834	361 676	9 298 423
Rented or leased land in farms .....	89	76	65	322	419	285	566
acres.....	10 784	11 964	12 691	95 658	233 227	296 177	9 137 323
Land rented or leased to others .....	13	12	16	58	68	36	68
acres.....	2 100	538 723	1 298	18 584	45 085	77 661	725 567
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated .....	179	78	58	309	373	252	484
Not on farm operated .....	102	70	64	270	265	153	291
Not reported .....	35	18	9	34	40	31	69
Operators by principal occupation							
Farming .....	178	92	87	443	499	339	592
Other .....	138	74	44	170	179	97	252
Operators by days of work off farm							
None .....	132	51	55	323	361	253	389
Any .....	168	98	68	253	263	157	379
1 to 99 days .....	34	22	16	53	61	36	94
100 to 199 days .....	33	25	18	51	53	33	96
200 days or more .....	101	51	34	149	149	88	189
Not reported .....	16	17	8	37	54	26	76
Operators by years on present farm							
2 years or less .....	26	25	23	72	68	27	50
3 or 4 years .....	29	12	11	63	52	38	47
5 to 9 years .....	61	31	24	115	127	72	134
10 years or more .....	128	69	57	280	338	210	426
Average years on present farm .....	14.5	13.8	12.8	14.6	16.6	17.6	19.0
Not reported .....	72	29	16	83	93	89	187
Operators by age group							
Under 25 years .....	2	3	6	9	8	2	4
25 to 34 years .....	34	20	14	68	84	47	42
35 to 44 years .....	60	41	22	137	108	81	143
45 to 49 years .....	37	14	15	65	65	38	89
50 to 54 years .....	32	20	17	77	79	64	90
55 to 59 years .....	56	22	22	77	95	64	136
60 to 64 years .....	41	18	15	66	98	52	125
65 to 69 years .....	23	17	7	60	60	35	88
70 years and over .....	31	11	13	54	81	53	127
Average age .....	52.3	50.0	50.7	51.2	52.7	52.9	55.5
Operators by sex							
Male .....	297	157	126	572	625	417	791
Female .....	19	9	5	41	53	19	53
Operators of Spanish origin (see text) .....	20	8	5	46	26	17	26
<b>FARMS BY TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship) .....	208	122	98	407	372	208	397
acres.....	32 706	23 951	23 519	149 871	259 939	286 375	5 314 225
Partnership .....	67	29	19	122	211	153	198
acres.....	10 607	5 656	4 563	46 641	147 484	212 992	4 128 472
Corporation:							
Family held .....	38	12	10	60	68	50	129
acres.....	5 984	2 394	2 342	22 479	48 445	66 041	2 681 563
More than 10 stockholders .....	1	-	1	1	4	1	4
10 or less stockholders .....	37	12	9	59	64	49	125
Other than family held .....	3	1	2	14	17	11	25
acres.....	469	(D)	(D)	5 523	11 229	16 211	1 082 431
More than 10 stockholders .....	1	-	-	2	3	4	6
10 or less stockholders .....	2	1	2	12	14	7	19
Other—cooperative, estate or trust, institutional, etc. ....	-	2	2	10	10	14	95
acres.....	-	(D)	(D)	3 792	6 538	19 107	21 555 165

See footnotes at end of table

Table 51. **Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARMS BY SIZE</b>						
1 to 9 acres .....	2 158	2 158	-	-	-	-
10 to 49 acres .....	1 510	-	1 510	-	-	-
50 to 69 acres .....	256	-	-	256	-	-
70 to 99 acres .....	314	-	-	-	314	-
100 to 139 acres .....	247	-	-	-	-	247
140 to 179 acres .....	316	-	-	-	-	-
180 to 219 acres .....	166	-	-	-	-	-
220 to 259 acres .....	131	-	-	-	-	-
260 to 499 acres .....	613	-	-	-	-	-
500 to 999 acres .....	678	-	-	-	-	-
1,000 to 1,999 acres .....	436	-	-	-	-	-
2,000 acres or more .....	844	-	-	-	-	-
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>						
Cash grains (011) .....	71	1	14	4	3	2
Field crops, except cash grains (013) .....	1 540	56	205	43	73	71
Cotton (0131) .....	1 016	5	34	12	26	33
Tobacco (0132) .....	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	524	51	171	31	47	38
Vegetables and melons (016) .....	175	7	26	4	9	13
Fruits and tree nuts (017) .....	780	210	329	33	51	38
Horticultural specialties (018) .....	182	102	51	2	4	4
General farms, primarily crop (019) .....	98	4	21	5	13	2
Livestock, except dairy, poultry, and animal specialties (021) .....	3 190	853	470	118	114	81
Beef cattle, except feedlots (0212) .....	2 641	574	348	102	101	69
Dairy farms (024) .....	142	9	45	19	19	10
Poultry and eggs (025) .....	67	39	21	2	-	2
Animal specialties (027) .....	1 351	854	323	25	27	21
General farms, primarily livestock and animal specialties (029) .....	73	23	5	1	1	3
<b>LIVESTOCK</b>						
Cattle and calves inventory .....	3 521	838	558	150	149	100
Farms with— .....	1 110 912	56 117	46 136	38 287	52 901	53 768
1 to 9 .....	986	455	266	55	39	21
10 to 49 .....	1 098	243	184	54	63	51
50 to 99 .....	367	60	23	5	11	10
100 to 199 .....	296	28	23	6	10	4
200 to 499 .....	396	32	40	12	7	7
500 or more .....	378	20	22	18	19	7
Cows and heifers that had calved .....	2 738	479	391	116	122	79
Beef cows .....	421 131	19 230	27 521	19 825	18 847	8 621
Beef cows .....	2 497	423	320	86	102	69
Farms with— .....	334 851	17 027	8 944	5 097	4 134	2 880
1 to 9 .....	759	243	195	45	45	26
10 to 49 .....	780	114	79	23	35	32
50 to 99 .....	245	31	18	4	12	3
100 to 199 .....	275	13	19	5	4	6
200 to 499 .....	287	19	8	7	6	1
500 or more .....	151	3	1	2	-	1
Milk cows .....	476	95	107	39	34	24
Farms with— .....	86 280	2 203	18 577	14 728	14 713	5 741
1 to 4 .....	305	81	58	18	15	14
5 to 9 .....	27	5	5	2	2	-
10 to 49 .....	17	4	3	1	1	2
50 to 99 .....	4	-	1	1	-	1
100 to 199 .....	12	1	4	-	1	1
200 to 499 .....	44	2	21	5	1	2
500 or more .....	67	2	15	12	14	4
Heifers and heifer calves .....	2 540	523	376	102	101	73
Steers, steer calves, bulls, and bull calves .....	160 302	7 572	10 444	9 823	6 045	2 910
Cattle and calves sold .....	3 302	732	493	134	135	91
Calves .....	1 009 492	59 794	31 103	29 006	44 694	97 953
Cattle .....	506 565	26 244	10 125	6 963	22 119	47 205
Fattened on grain and concentrates .....	2 252	472	301	95	93	62
Calves .....	218 160	18 134	13 760	9 299	9 898	41 691
Cattle .....	54 685	2 214	1 965	1 000	1 052	13 491
Fattened on grain and concentrates .....	2 587	525	384	96	107	71
Calves .....	791 332	41 660	17 343	19 707	34 796	56 262
Cattle .....	451 880	24 030	8 160	5 962	21 067	33 714
Fattened on grain and concentrates .....	314	136	65	7	7	6
Calves .....	508 829	31 703	5 512	201	27 590	40 290
Cattle .....	330 168	19 636	2 800	124	18 022	25 791

See footnotes at end of table



Table 51. **Summary by Size of Farm: 1987—Con.**

(For meaning of abbreviations and symbols, see introductory text)

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>FARMS BY SIZE</b>							
1 to 9 acres .....	-	-	-	-	-	-	-
10 to 49 acres .....	-	-	-	-	-	-	-
50 to 69 acres .....	-	-	-	-	-	-	-
70 to 99 acres .....	-	-	-	-	-	-	-
100 to 139 acres .....	-	-	-	-	-	-	-
140 to 179 acres .....	316	-	-	-	-	-	-
180 to 219 acres .....	-	166	-	-	-	-	-
220 to 259 acres .....	-	-	131	-	-	-	-
260 to 499 acres .....	-	-	-	613	-	-	-
500 to 999 acres .....	-	-	-	-	678	-	-
1,000 to 1,999 acres .....	-	-	-	-	-	436	-
2,000 acres or more .....	-	-	-	-	-	-	844
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) .....	4	5	1	13	18	4	2
Field crops, except cash grains (013) .....	71	61	63	296	311	197	93
Cotton (0131) .....	47	48	51	249	268	171	72
Tobacco (0132) .....	-	-	-	-	-	-	-
Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.a.c. (0133, 0134, 0139) .....	24	13	12	47	43	26	21
Vegetables and melons (016) .....	15	3	6	23	24	26	19
Fruits and tree nuts (017) .....	27	15	9	24	15	11	18
Horticultural specialties (018) .....	2	2	-	5	5	3	2
General farms, primarily crop (019) .....	8	3	1	12	15	6	8
Livestock, except dairy, poultry, and animal specialties (021) .....	148	59	39	201	264	169	674
Beef cattle, except feedlots (0212) .....	132	55	33	180	253	161	633
Dairy farms (024) .....	15	2	4	10	4	4	1
Poultry and eggs (025) .....	1	1	-	-	-	1	-
Animal specialties (027) .....	24	12	6	26	17	5	11
General farms, primarily livestock and animal specialties (029) .....	1	3	2	3	5	10	16
<b>LIVESTOCK</b>							
Cattle and calves inventory .....	176	75	46	242	299	202	686
number .....	55 155	33 610	33 549	109 500	101 881	29 125	500 883
Farms with—							
1 to 9 .....	29	19	4	38	26	19	15
10 to 49 .....	77	29	17	106	127	66	81
50 to 99 .....	17	9	5	38	58	47	84
100 to 199 .....	17	8	4	18	38	31	109
200 to 499 .....	19	5	8	27	30	27	182
500 or more .....	17	5	8	15	20	12	215
Cows and heifers that had calved .....	152	66	38	207	264	178	646
number .....	17 740	7 703	5 460	21 269	19 337	18 170	237 408
Beef cows .....	133	63	34	195	259	172	641
number .....	9 704	4 374	3 985	10 562	16 766	14 223	237 155
Farms with—							
1 to 9 .....	39	26	7	54	47	20	12
10 to 49 .....	57	21	12	101	126	73	107
50 to 99 .....	4	4	4	12	38	37	78
100 to 199 .....	21	7	3	15	22	21	139
200 to 499 .....	11	3	7	10	25	19	171
500 or more .....	1	2	1	3	1	2	134
Milk cows .....	30	9	9	33	25	17	54
number .....	8 036	3 329	1 475	10 707	2 571	3 947	253
Farms with—							
1 to 4 .....	16	7	4	20	18	11	43
5 to 9 .....	-	-	-	3	2	-	8
10 to 49 .....	1	-	-	-	2	1	2
50 to 99 .....	-	-	-	1	-	-	-
100 to 199 .....	-	-	1	3	-	-	1
200 to 499 .....	5	-	4	1	-	2	-
500 or more .....	8	2	-	5	2	3	-
Heifers and heifer calves .....	143	56	38	179	240	148	561
number .....	7 749	2 525	2 185	14 043	10 431	6 139	80 436
Steers, steer calves, bulls, and bull calves .....	162	55	40	213	266	168	623
number .....	29 666	23 382	25 904	74 188	72 113	4 816	183 039
Cattle and calves sold .....	169	69	48	241	298	198	694
number .....	50 235	45 145	58 885	110 584	103 632	17 934	360 527
\$1,000 .....	28 869	25 721	35 242	64 712	59 665	5 734	173 967
Calves .....	114	46	29	183	225	140	492
number .....	7 345	2 773	1 351	9 407	9 334	8 303	86 865
\$1,000 .....	1 496	612	278	2 027	2 655	2 020	25 875
Cattle .....	144	57	42	182	237	164	578
number .....	42 890	42 372	57 534	101 177	94 298	9 631	273 662
\$1,000 .....	27 373	25 109	34 964	62 685	57 010	3 715	148 082
Fattened on grain and concentrates .....	12	6	4	16	17	11	27
number .....	35 431	39 179	49 243	92 691	60 157	777	128 055
\$1,000 .....	24 081	23 609	31 914	58 705	40 208	418	84 860

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>LIVESTOCK—Con.</b>						
Hogs and pigs inventory..... farms..	331	122	102	18	17	8
..... number..	135 414	3 710	19 073	16 216	7 763	240
Farms with—						
1 to 24.....	266	107	87	12	12	7
25 to 49.....	17	4	5	2	2	—
50 to 99.....	7	3	—	—	1	—
100 to 199.....	7	3	2	—	—	1
200 to 499.....	9	4	1	—	—	—
500 or more.....	25	1	7	4	2	—
Used or to be used for breeding..... farms..	140	40	46	12	8	7
..... number..	14 863	606	2 729	1 759	405	41
Other..... farms..	312	113	98	15	16	7
..... number..	120 551	3 104	16 344	14 457	7 358	199
Hogs and pigs sold..... farms..	242	81	76	17	10	10
..... number..	237 623	9 709	33 667	40 573	12 381	198
..... \$1,000.....	26 953	748	3 552	5 051	1 347	19
Feeder pigs..... farms..	46	18	11	4	3	3
..... number..	24 744	4 915	6 661	6 540	2 126	75
..... \$1,000.....	1 154	212	310	311	95	3
Litters of pigs farrowed between—						
Dec 1 of preceding year and Nov 30..... farms..	146	42	46	14	9	7
..... number..	29 211	929	3 986	4 421	1 742	25
Dec 1 and May 31..... farms..	134	39	42	12	7	6
..... number..	15 167	485	2 004	2 489	876	12
June 1 and Nov 30..... farms..	108	31	32	11	7	3
..... number..	14 044	444	1 982	1 932	866	13
Sheep and lambs of all ages inventory..... farms..	456	198	91	15	16	17
..... number..	301 279	17 388	13 158	544	339	2 388
Ewes 1 year old or older..... farms..	381	160	82	10	13	16
..... number..	164 290	10 181	6 513	300	252	(D)
Sheep and lambs sold..... farms..	395	171	74	10	14	15
..... number..	116 165	12 557	10 713	293	364	1 963
Sheep and lambs shorn..... farms..	339	151	61	11	12	15
..... number..	228 471	13 727	5 604	312	506	2 115
..... pounds of wool..	1 931 271	119 312	37 403	3 275	2 996	19 593
Horses and ponies inventory..... farms..	3 566	1 262	673	115	126	75
..... number..	70 550	8 940	6 326	837	952	532
Horses and ponies sold..... farms..	1 088	553	219	26	24	14
..... number..	8 777	1 521	985	78	74	89
Goats inventory..... farms..	371	185	92	10	5	7
..... number..	116 899	3 034	2 070	192	98	88
Goats sold..... farms..	159	87	32	2	2	2
..... number..	26 363	1 747	1 111	(D)	(D)	(D)
<b>POULTRY</b>						
Chickens 3 months old or older inventory..... farms..	741	305	192	28	32	33
..... number..	331 462	8 017	315 357	1 001	847	712
Farms with—						
1 to 399.....	736	305	188	28	32	33
400 to 3,199.....	2	—	1	—	—	—
3,200 to 9,999.....	—	—	—	—	—	—
10,000 to 19,999.....	—	—	—	—	—	—
20,000 to 49,999.....	1	—	1	—	—	—
50,000 to 99,999.....	1	—	1	—	—	—
100,000 or more.....	1	—	1	—	—	—
Hens and pullets of laying age..... farms..	734	302	191	28	31	31
..... number..	329 318	7 162	314 476	930	777	680
Pullets 3 months old or older not of laying age..... farms..	146	64	43	10	5	4
..... number..	2 144	855	881	71	70	32
Hens and pullets sold..... farms..	70	39	18	2	1	2
..... number..	325 609	5 344	317 544	(D)	(D)	(D)
Broilers and other meat-type chickens sold..... farms..	23	12	11	—	—	—
..... number..	(D)	(D)	454 688	—	—	—
Farms with—						
1 to 1,999.....	21	12	9	—	—	—
2,000 to 59,999.....	1	—	1	—	—	—
60,000 to 99,999.....	—	—	—	—	—	—
100,000 or more.....	1	—	1	—	—	—
Turkey hens kept for breeding..... farms..	31	10	10	2	—	3
..... number..	182	68	43	(D)	—	18
Turkeys sold..... farms..	19	8	5	—	—	1
..... number..	(D)	43	15 036	—	—	(D)

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>LIVESTOCK—Con.</b>							
Hogs and pigs inventory..... farms..	10	3	3	19	12	8	9
..... number..	640	8	2 302	11 102	69 434	3 732	1 194
Farms with—							
1 to 24.....	8	3	2	8	7	6	7
25 to 49.....	-	-	-	2	1	-	1
50 to 99.....	-	-	-	2	1	-	-
100 to 199.....	1	-	-	-	-	-	-
200 to 499.....	1	-	-	2	1	-	-
500 or more.....	-	-	1	5	2	2	1
Used or to be used for breeding..... farms..	4	1	1	8	5	5	3
..... number..	(D)	(D)	(D)	894	7 607	212	293
Other..... farms..	10	3	3	19	11	8	9
..... number..	(D)	(D)	(D)	10 208	61 827	3 520	901
Hogs and pigs sold..... farms..	12	-	1	15	8	6	6
..... number..	2 235	-	(D)	(D)	105 844	6 773	4 126
\$1,000.....	293	-	(D)	(D)	12 184	703	216
Feeder pigs..... farms..	2	-	-	2	2	-	1
..... number..	(D)	-	-	(D)	-	-	(D)
\$1,000.....	(D)	-	-	(D)	(D)	-	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30..... farms..	4	1	1	9	5	5	3
..... number..	(D)	(D)	(D)	1 641	14 989	413	490
Dec. 1 and May 31..... farms..	4	1	1	9	5	5	3
..... number..	(D)	(D)	(D)	805	7 737	207	(D)
June 1 and Nov. 30..... farms..	4	-	1	8	5	4	2
..... number..	82	-	(D)	836	7 252	206	(D)
Sheep and lambs of all ages inventory..... farms..	13	3	5	12	12	18	56
..... number..	3 064	139	188	513	11 954	16 471	235 133
Ewes 1 year old or older..... farms..	9	3	5	10	10	13	50
..... number..	105	100	63	(D)	(D)	5 418	131 225
Sheep and lambs sold..... farms..	16	3	5	9	10	13	55
..... number..	2 966	102	137	135	12 451	10 967	63 517
Sheep and lambs shorn..... farms..	5	3	4	9	11	10	47
..... number..	99	124	136	369	10 503	10 816	184 160
pounds of wool..	752	1 083	1 349	2 584	68 249	63 225	1 611 450
Horses and ponies inventory..... farms..	132	60	36	186	232	149	520
..... number..	1 405	476	486	1 749	1 740	975	46 132
Horses and ponies sold..... farms..	33	9	8	33	31	18	120
..... number..	182	34	89	194	119	63	5 349
Goats inventory..... farms..	5	6	2	9	9	4	37
..... number..	492	(D)	(D)	109	47	45	110 080
Goats sold..... farms..	2	5	1	3	1	1	21
..... number..	(D)	644	(D)	11	(D)	(D)	22 713
<b>POULTRY</b>							
Chickens 3 months old or older inventory..... farms..	16	9	7	31	46	12	30
..... number..	475	178	178	950	800	2 447	500
Farms with—							
1 to 399.....	16	9	7	31	46	11	30
400 to 3,199.....	-	-	-	-	-	1	-
3,200 to 9,999.....	-	-	-	-	-	-	-
10,000 to 19,999.....	-	-	-	-	-	-	-
20,000 to 49,999.....	-	-	-	-	-	-	-
50,000 to 99,999.....	-	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-	-
Hens and pullets of laying age..... farms..	16	9	7	31	46	12	30
..... number..	441	(D)	(D)	839	777	(D)	472
Pullets 3 months old or older not of laying age..... farms..	3	2	1	4	3	2	5
..... number..	34	(D)	(D)	111	23	(D)	28
Hens and pullets sold..... farms..	1	1	-	-	3	1	2
..... number..	(D)	(D)	-	-	67	(D)	(D)
Broilers and other meat-type chickens sold..... farms..	-	-	-	-	-	-	-
..... number..	-	-	-	-	-	-	-
Farms with—							
1 to 1,999.....	-	-	-	-	-	-	-
2,000 to 59,999.....	-	-	-	-	-	-	-
60,000 to 99,999.....	-	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-	-
Turkey hens kept for breeding..... farms..	-	1	-	-	3	2	-
..... number..	-	(D)	-	-	21	(D)	-
Turkeys sold..... farms..	1	-	-	1	2	-	1
..... number..	(D)	-	-	(D)	(D)	-	(D)

See footnotes at end of table

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>CROPS HARVESTED</b>						
Corn for grain or seed ----- farms..	166	14	21	8	5	8
acres..	12 794	24	153	73	155	321
bushels..	1 530 566	2 243	8 746	6 042	16 499	36 983
Irrigated ----- farms..	132	6	15	7	3	8
acres..	10 706	13	133	71	151	321
Corn for silage or green chop ----- farms..	121	8	4	3	10	9
acres..	8 781	27	20	100	337	349
tons, green..	190 335	556	380	2 660	7 899	8 220
Irrigated ----- farms..	121	8	4	3	10	9
acres..	8 781	27	20	100	337	349
Sorghum for grain or seed ----- farms..	39	-	-	-	-	1
acres..	3 242	-	-	-	-	(D)
bushels..	249 319	-	-	-	-	(D)
Irrigated ----- farms..	39	-	-	-	-	1
acres..	3 242	-	-	-	-	(D)
Wheat for grain ----- farms..	443	6	9	1	7	4
acres..	97 407	10	(D)	(D)	317	58
bushels..	7 991 708	433	(D)	(D)	20 557	4 812
Irrigated ----- farms..	433	5	9	1	7	4
acres..	96 947	8	(D)	(D)	317	58
Farms by acres harvested:						
1 to 24 acres .....	64	6	8	1	3	3
25 to 99 acres .....	158	-	1	-	4	1
100 to 249 acres .....	136	-	-	-	-	-
250 to 499 acres .....	57	-	-	-	-	-
500 acres or more .....	28	-	-	-	-	-
Barley for grain ----- farms..	168	1	4	1	3	6
acres..	14 654	(D)	23	(D)	82	130
bushels..	1 365 067	(D)	2 166	(D)	7 541	7 860
Irrigated ----- farms..	168	1	4	1	3	6
acres..	14 654	(D)	23	(D)	82	130
Cotton ----- farms..	1 199	8	34	12	30	38
acres..	381 733	36	773	337	1 548	2 473
bales..	1 005 493	83	1 876	884	4 091	6 372
Irrigated ----- farms..	1 199	8	34	12	30	38
acres..	381 733	36	773	337	1 548	2 473
Farms by acres harvested:						
1 to 24 acres .....	58	8	18	4	4	2
25 to 99 acres .....	239	-	16	8	26	27
100 to 249 acres .....	392	-	-	-	-	9
250 to 499 acres .....	317	-	-	-	-	-
500 acres or more .....	193	-	-	-	-	-
Irish potatoes ----- farms..	28	1	3	-	-	4
acres..	3 618	(D)	4	-	-	3
cwt..	927 389	(D)	560	-	-	300
Irrigated ----- farms..	28	1	3	-	-	4
acres..	3 618	(D)	4	-	-	3
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) --- farms..	1 402	139	318	57	85	67
acres..	181 319	477	4 452	1 517	3 052	3 672
tons, dry..	1 040 321	2 323	18 156	6 464	15 043	20 255
Irrigated ----- farms..	1 373	138	312	56	83	65
acres..	178 577	476	4 342	1 497	2 931	3 657
Farms by acres harvested:						
1 to 24 acres .....	653	139	266	30	40	26
25 to 99 acres .....	396	-	52	27	45	27
100 to 249 acres .....	171	-	-	-	-	14
250 to 499 acres .....	97	-	-	-	-	-
500 acres or more .....	85	-	-	-	-	-
Alfalfa hay ----- farms..	1 148	120	250	46	63	55
acres..	136 959	429	3 318	1 154	2 204	3 114
tons, dry..	909 135	2 210	14 934	5 248	12 412	18 630
Irrigated ----- farms..	1 148	120	250	46	63	55
acres..	136 959	429	3 318	1 154	2 204	3 114
Vegetables harvested for sale (see text) --- farms..	328	18	39	7	13	17
acres..	98 138	20	378	193	340	886
Irrigated ----- farms..	328	18	39	7	13	17
acres..	98 138	20	378	193	340	886
Farms by acres harvested:						
0.1 to 4.9 acres .....	58	16	21	2	5	3
5.0 to 24.9 acres .....	64	2	14	2	4	4
25.0 to 99.9 acres .....	97	-	4	3	4	5
100.0 to 249.9 acres .....	42	-	-	-	-	5
250.0 acres or more .....	67	-	-	-	-	-
Land in orchards ----- farms..	1 141	280	421	52	68	47
acres..	74 921	920	5 787	1 612	2 633	3 008
Irrigated ----- farms..	1 141	280	421	52	68	47
acres..	74 921	920	5 787	1 612	2 633	3 008
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres .....	430	218	115	11	18	5
5.0 to 24.9 acres .....	367	62	229	12	12	11
25.0 to 99.9 acres .....	206	-	77	29	38	10
100.0 to 249.9 acres .....	69	-	-	-	-	21
250.0 acres or more .....	49	-	-	-	-	-
All citrus fruit ----- farms..	546	141	233	33	22	27
Bearing and nonbearing acres..	40 791	448	4 061	1 336	1 492	2 024

See footnotes at end of table

Table 51. **Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>CROPS HARVESTED</b>							
Corn for grain or seed ----- farms..	7	3	3	28	31	16	22
acres..	62	62	91	2 243	4 192	2 210	3 208
bushels..	8 711	9 670	13 269	322 661	580 302	328 763	196 679
Irrigated ----- farms..	7	3	3	26	30	11	13
acres..	62	62	91	2 229	4 072	2 108	1 393
Corn for silage or green chop ----- farms..	4	2	5	19	22	20	15
acres..	(D)	(D)	366	1 417	2 463	1 780	1 606
tons, green..	(D)	(D)	4 875	26 508	56 783	49 926	25 118
Irrigated ----- farms..	4	2	5	19	22	20	15
acres..	(D)	(D)	366	1 417	2 463	1 780	1 606
Sorghum for grain or seed ----- farms..	2	2	2	9	8	12	3
acres..	(D)	(D)	(D)	374	614	1 427	635
bushels..	(D)	(D)	(D)	33 794	34 402	124 058	40 685
Irrigated ----- farms..	2	2	2	9	8	12	3
acres..	(D)	(D)	(D)	374	614	1 427	635
Wheat for grain ----- farms..	10	12	5	83	138	102	66
acres..	367	690	326	5 936	15 609	21 676	52 269
bushels..	16 865	55 004	21 072	498 346	1 272 491	1 757 864	4 332 131
Irrigated ----- farms..	9	11	5	81	135	100	66
acres..	366	640	326	5 926	15 449	21 441	52 269
Farms by acres harvested:							
1 to 24 acres .....	6	5	2	15	11	3	1
25 to 99 acres .....	2	4	2	52	62	21	9
100 to 249 acres .....	2	3	1	14	56	46	14
250 to 499 acres .....	-	-	-	2	6	27	22
500 acres or more .....	-	-	-	-	3	5	20
Barley for grain ----- farms..	3	2	2	40	43	39	24
acres..	69	(D)	(D)	1 582	2 845	4 379	5 338
bushels..	6 958	(D)	(D)	152 711	259 386	374 611	534 166
Irrigated ----- farms..	3	2	2	40	43	39	24
acres..	69	(D)	(D)	1 582	2 845	4 379	5 338
Cotton ----- farms..	57	51	57	292	320	205	95
acres..	4 635	5 298	6 743	51 405	90 327	105 666	112 492
bales..	11 296	14 641	18 658	135 501	238 502	273 898	299 691
Irrigated ----- farms..	57	51	57	292	320	205	95
acres..	4 635	5 298	6 743	51 405	90 327	105 666	112 492
Farms by acres harvested:							
1 to 24 acres .....	7	-	2	7	4	1	1
25 to 99 acres .....	29	28	24	57	18	4	2
100 to 249 acres .....	21	23	30	164	106	28	11
250 to 499 acres .....	-	-	1	64	162	81	9
500 acres or more .....	-	-	-	-	30	91	72
Irish potatoes ----- farms..	1	1	-	2	6	6	4
acres..	(D)	(D)	-	(D)	910	884	1 547
cwt..	(D)	(D)	-	(D)	305 000	222 200	321 111
Irrigated ----- farms..	1	1	-	2	6	6	4
acres..	(D)	(D)	-	(D)	910	884	1 547
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms..	69	36	32	149	180	124	146
acres..	4 549	1 977	3 184	17 982	31 021	41 374	68 062
tons, dry..	21 915	11 507	15 927	95 862	193 373	244 789	394 707
Irrigated ----- farms..	68	34	31	145	177	122	142
acres..	4 439	1 965	3 149	17 459	30 790	40 874	66 998
Farms by acres harvested:							
1 to 24 acres .....	23	16	5	27	33	11	37
25 to 99 acres .....	26	13	13	58	58	32	45
100 to 249 acres .....	18	7	14	38	44	21	15
250 to 499 acres .....	2	-	-	26	30	26	13
500 acres or more .....	-	-	-	-	15	34	36
Alfalfa hay ----- farms..	58	25	27	122	151	103	128
acres..	3 290	1 350	2 571	13 944	23 588	29 782	52 215
tons, dry..	18 512	10 217	14 395	83 665	162 939	213 316	352 657
Irrigated ----- farms..	58	25	27	122	151	103	128
acres..	3 290	1 350	2 571	13 944	23 588	29 782	52 215
Vegetables harvested for sale (see text) ----- farms..	26	5	10	41	52	50	50
acres..	975	259	953	4 648	9 494	20 276	59 716
Irrigated ----- farms..	26	5	10	41	52	50	50
acres..	975	259	953	4 648	9 494	20 276	59 716
Farms by acres harvested:							
0.1 to 4.9 acres .....	2	1	-	2	1	2	3
5.0 to 24.9 acres .....	7	1	2	8	8	6	6
25.0 to 99.9 acres .....	16	2	5	15	23	12	8
100.0 to 249.9 acres .....	1	1	2	10	5	12	6
250.0 acres or more .....	-	-	1	6	15	18	27
Land in orchards ----- farms..	42	26	11	46	58	30	60
acres..	2 765	1 897	1 354	5 253	7 774	9 631	32 288
Irrigated ----- farms..	42	26	11	46	58	30	60
acres..	2 765	1 897	1 354	5 253	7 774	9 631	32 288
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres .....	8	3	2	11	20	7	12
5.0 to 24.9 acres .....	12	7	-	10	10	5	17
25.0 to 99.9 acres .....	7	7	3	8	17	3	7
100.0 to 249.9 acres .....	15	9	6	6	1	6	5
250.0 acres or more .....	-	-	-	11	10	9	19
All citrus fruit ----- farms..	12	15	6	18	14	10	15
Bearing and nonbearing.. acres..	1 341	1 404	1 202	2 351	4 486	4 677	15 969

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 52. Summary by Value of Agricultural Products Sold: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
FARMS AND LAND IN FARMS							
Farms .....	7 669	288	555	471	681	533	191
Land in farms .....	36 287 794	11 520 333	16 421 434	5 179 312	5 689 728	3 392 499	1 169 180
Average size of farm .....	4 732	40 001	29 588	10 996	8 355	6 365	6 121
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) .....	7 669	288	555	471	681	533	191
Average per farm .....	1 628 544	1 083 057	1 270 986	165 649	110 799	37 946	8 508
	212 354	3 760 613	2 290 065	351 696	162 701	71 193	44 547
Farms by value of sales							
Less than \$1,000 (see text) .....	1 458	-	-	-	-	-	-
\$1,000 to \$2,499 .....	1 036	-	-	-	-	-	-
\$2,500 to \$4,999 .....	820	-	-	-	-	-	-
\$5,000 to \$9,999 .....	775	-	-	-	-	-	-
\$10,000 to \$19,999 .....	587	-	-	-	-	-	-
\$20,000 to \$24,999 .....	170	-	-	-	-	-	-
\$25,000 to \$39,999 .....	392	-	-	-	-	-	-
\$40,000 to \$49,999 .....	191	-	-	-	-	-	191
\$50,000 to \$99,999 .....	533	-	-	-	-	533	-
\$100,000 to \$249,999 .....	681	-	-	-	681	-	-
\$250,000 to \$499,999 .....	471	-	-	471	-	-	-
\$500,000 to \$999,999 .....	267	-	267	-	-	-	-
\$1,000,000 or more .....	288	288	288	-	-	-	-
Grains .....	595	85	166	148	132	57	10
\$1,000 .....	35 282	18 648	23 502	5 421	4 263	1 476	124
Sales of \$50,000 or more .....	164	60	97	32	22	13	-
	27 853	17 893	21 616	3 023	2 303	912	-
Corn for grain .....	108	8	12	13	20	19	4
\$1,000 .....	3 412	181	388	876	1 217	681	38
Wheat .....	432	76	148	123	96	29	4
\$1,000 .....	27 541	16 720	20 688	3 763	2 300	521	(D)
Soybeans .....	-	-	-	-	-	-	-
\$1,000 .....	-	-	-	-	-	-	-
Sorghum for grain .....	36	3	7	10	7	5	-
\$1,000 .....	516	(D)	228	102	125	(D)	-
Barley .....	161	24	49	40	40	12	3
\$1,000 .....	3 243	1 536	2 059	560	468	99	19
Oats .....	22	5	8	5	4	2	-
\$1,000 .....	224	105	(D)	(D)	56	(D)	-
Other grains .....	14	1	1	5	5	3	-
\$1,000 .....	347	(D)	(D)	(D)	97	134	-
Cotton and cottonseed .....	1 197	107	262	322	343	146	24
\$1,000 .....	361 558	125 679	207 454	93 817	48 857	8 749	915
Sales of \$50,000 or more .....	1 015	106	259	318	332	106	-
\$1,000 .....	357 319	(D)	207 401	93 700	48 567	7 651	-
Tobacco .....	-	-	-	-	-	-	-
\$1,000 .....	-	-	-	-	-	-	-
Sales of \$50,000 or more .....	-	-	-	-	-	-	-
\$1,000 .....	-	-	-	-	-	-	-
Hay, silage, and field seeds .....	981	72	155	131	134	80	23
\$1,000 .....	74 244	32 735	47 135	12 479	7 792	3 053	605
Sales of \$50,000 or more .....	279	61	115	71	55	38	-
\$1,000 .....	66 206	32 466	46 275	11 148	6 286	2 498	-
Vegetables, sweet corn, and melons .....	328	81	111	44	42	26	17
\$1,000 .....	240 925	218 033	227 704	7 018	3 797	1 145	638
Sales of \$50,000 or more .....	177	78	104	34	26	13	-
\$1,000 .....	238 695	217 992	227 597	6 741	3 490	868	-
Fruits, nuts, and berries .....	798	31	50	32	56	83	33
\$1,000 .....	111 422	81 508	88 884	5 997	6 418	4 722	1 128
Sales of \$50,000 or more .....	173	26	41	21	43	68	-
\$1,000 .....	105 190	81 375	88 697	5 745	6 223	4 525	-
Nursery and greenhouse crops .....	211	25	41	23	30	12	6
\$1,000 .....	61 053	37 800	48 304	6 473	4 306	649	284
Sales of \$50,000 or more .....	94	21	37	22	26	9	-
\$1,000 .....	59 505	37 731	48 234	(D)	(D)	623	-
Other crops .....	79	13	23	6	7	3	-
\$1,000 .....	12 197	7 853	10 254	(D)	513	241	-
Sales of \$50,000 or more .....	26	9	15	4	4	3	-
\$1,000 .....	11 685	7 752	10 124	(D)	(D)	241	-
Poultry and poultry products .....	257	2	3	2	3	3	1
\$1,000 .....	4 553	(D)	3 395	(D)	424	1	(D)
Sales of \$50,000 or more .....	6	1	2	2	2	-	-
\$1,000 .....	4 389	(D)	(D)	(D)	(D)	-	-
Dairy products .....	169	67	98	22	10	4	-
\$1,000 .....	168 400	138 676	159 665	6 749	1 525	251	-
Sales of \$50,000 or more .....	131	67	98	21	9	3	-
\$1,000 .....	168 108	138 676	159 665	(D)	(D)	(D)	-
Cattle and calves .....	3 302	118	207	102	233	261	110
\$1,000 .....	506 565	393 274	419 716	20 675	28 369	16 121	4 213
Sales of \$50,000 or more .....	635	107	168	66	184	217	-
\$1,000 .....	482 080	393 050	418 919	20 155	27 784	15 222	-

See footnotes at end of table

Table 52. **Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>FARMS AND LAND IN FARMS</b>						
Farms.....number.....	392	170	587	775	820	2 494
.....percent.....	5 1	2 2	7 7	10 1	10 7	32 5
Land in farms.....acres.....	1 014 542	216 421	606 948	704 294	321 813	1 571 623
Average size of farm.....acres.....	2 588	1 273	1 034	909	392	630
<b>MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD</b>						
Total sales (see text).....farms.....	392	170	587	775	820	2 494
.....\$1,000.....	12 293	3 759	8 261	5 427	2 902	2 014
Average per farm.....dollars.....	31 359	22 111	14 073	7 003	3 539	808
Farms by value of sales.....						
Less than \$1,000 (see text).....	-	-	-	-	-	1 458
\$1,000 to \$2,499.....	-	-	-	-	-	1 036
\$2,500 to \$4,999.....	-	-	-	-	820	-
\$5,000 to \$9,999.....	-	-	-	775	-	-
\$10,000 to \$19,999.....	-	-	587	-	-	-
\$20,000 to \$24,999.....	-	170	-	-	-	-
\$25,000 to \$39,999.....	392	-	-	-	-	-
\$40,000 to \$49,999.....	-	-	-	-	-	-
\$50,000 to \$99,999.....	-	-	-	-	-	-
\$100,000 to \$249,999.....	-	-	-	-	-	-
\$250,000 to \$499,999.....	-	-	-	-	-	-
\$500,000 to \$999,999.....	-	-	-	-	-	-
\$1,000,000 or more.....	-	-	-	-	-	-
Grains.....farms.....	21	5	16	14	14	12
.....\$1,000.....	257	71	71	58	29	11
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Corn for grain.....farms.....	11	2	9	6	5	7
.....\$1,000.....	133	(D)	(D)	13	11	6
Wheat.....farms.....	11	1	6	6	6	2
.....\$1,000.....	104	(D)	39	22	(D)	(D)
Soybeans.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Sorghum for grain.....farms.....	1	2	2	1	1	-
.....\$1,000.....	(D)	(D)	(D)	(D)	(D)	-
Barley.....farms.....	7	-	2	2	4	2
.....\$1,000.....	(D)	-	(D)	(D)	(D)	(D)
Oats.....farms.....	-	-	1	1	-	1
.....\$1,000.....	-	-	(D)	(D)	-	(D)
Other grains.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Cotton and cottonseed.....farms.....	41	11	30	10	5	3
.....\$1,000.....	1 090	190	403	60	18	4
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Tobacco.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	58	19	76	100	78	127
.....\$1,000.....	1 339	284	683	506	226	143
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Vegetables, sweet corn, and melons.....farms.....	17	4	22	10	12	23
.....\$1,000.....	322	40	182	45	20	15
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Fruits, nuts, and berries.....farms.....	63	25	93	92	89	182
.....\$1,000.....	1 668	519	1 112	552	270	154
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Nursery and greenhouse crops.....farms.....	15	8	19	21	20	16
.....\$1,000.....	458	146	234	118	61	20
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Other crops.....farms.....	2	1	12	8	5	12
.....\$1,000.....	(D)	(D)	98	58	12	10
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Poultry and poultry products.....farms.....	7	9	12	38	56	123
.....\$1,000.....	1	(D)	(D)	21	39	39
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Dairy products.....farms.....	6	1	6	6	9	7
.....\$1,000.....	122	(D)	(D)	5	6	3
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-
Cattle and calves.....farms.....	229	97	350	470	491	752
.....\$1,000.....	6 305	1 921	4 059	2 814	1 479	893
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-

See footnotes at end of table

Table 52. **Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		\$500,000 or more					
		All farms	\$1,000,000 or more				
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs .....	farms..	242	8	15	5	19	2
	\$1,000..	26 953	18 202	22 737	1 122	2 243	(D)
Sales of \$50,000 or more .....	farms..	36	7	14	4	13	-
	\$1,000..	26 355	(D)	(D)	(D)	2 191	308
Sheep, lambs, and wool .....	farms..	422	15	23	11	9	16
	\$1,000..	9 245	(D)	5 555	2 228	919	79
Sales of \$50,000 or more .....	farms..	35	14	21	8	5	1
	\$1,000..	8 700	(D)	(D)	2 201	894	(D)
Other livestock and livestock products (see text) .....	farms..	1 449	23	35	28	43	64
	\$1,000..	16 148	5 001	6 680	2 167	1 373	1 009
Sales of \$50,000 or more .....	farms..	43	11	16	6	8	13
	\$1,000..	10 652	4 878	6 536	2 027	1 236	852
FARM PRODUCTION EXPENSES <sup>1</sup>							
Total farm production expenses .....	farms..	7 673	288	555	404	717	555
	\$1,000..	1 301 666	880 979	1 019 678	97 127	94 832	33 888
Average per farm .....	dollars..	169 642	3 058 954	1 837 257	240 414	132 263	61 059
Livestock and poultry purchased .....	farms..	2 343	99	174	75	187	158
	\$1,000..	244 484	213 002	223 822	4 814	7 273	2 832
Farms with expenses of—							
\$1 to \$4,999 .....	1 471	3	7	6	33	40	12
\$5,000 to \$24,999 .....	503	10	17	18	51	68	37
\$25,000 to \$99,999 .....	227	17	45	31	86	50	6
\$100,000 or more .....	142	69	105	20	17	-	-
Feed for livestock and poultry .....	farms..	4 084	126	219	100	237	275
	\$1,000..	208 527	174 684	187 649	5 884	4 664	2 527
Farms with expenses of—							
\$1 to \$4,999 .....	3 004	2	8	21	62	108	49
\$5,000 to \$24,999 .....	733	3	18	19	114	152	26
\$25,000 to \$99,999 .....	152	8	25	37	57	15	-
\$100,000 or more .....	195	113	168	23	4	-	-
Commercially mixed formula feeds .....	farms..	1 567	88	147	47	89	85
	\$1,000..	60 742	50 011	55 223	2 025	1 646	598
Farms with expenses of—							
\$1 to \$4,999 .....	1 231	1	5	4	27	34	14
\$5,000 to \$24,999 .....	153	3	11	15	39	50	11
\$25,000 to \$79,999 .....	70	7	30	20	19	1	-
\$80,000 or more .....	113	77	101	8	4	-	-
Seeds, bulbs, plants, and trees .....	farms..	2 374	183	374	312	477	266
	\$1,000..	17 741	10 118	12 714	2 154	1 841	472
Farms with expenses of—							
\$1 to \$999 .....	1 023	9	15	22	46	134	23
\$1,000 to \$4,999 .....	768	18	62	154	308	124	16
\$5,000 to \$24,999 .....	470	78	197	125	121	8	17
\$25,000 or more .....	113	78	100	11	2	-	-
Commercial fertilizer .....	farms..	3 075	202	403	328	515	328
	\$1,000..	51 672	27 642	35 742	7 175	5 541	1 737
Farms with expenses of—							
\$1 to \$4,999 .....	1 753	12	24	12	106	158	75
\$5,000 to \$24,999 .....	906	27	76	230	382	170	16
\$25,000 to \$49,999 .....	196	28	103	66	27	-	-
\$50,000 or more .....	220	135	200	20	-	-	-
Agricultural chemicals .....	farms..	3 253	210	414	330	498	299
	\$1,000..	60 366	30 849	40 873	8 246	7 324	1 970
Farms with expenses of—							
\$1 to \$4,999 .....	1 954	31	55	35	81	129	67
\$5,000 to \$24,999 .....	792	23	58	158	365	161	11
\$25,000 to \$49,999 .....	241	26	82	102	41	9	7
\$50,000 or more .....	266	130	219	35	11	-	-
Petroleum products .....	farms..	6 896	282	543	401	704	544
	\$1,000..	44 554	18 264	24 384	5 770	6 773	2 838
Farms with expenses of—							
\$1 to \$4,999 .....	5 251	21	51	86	185	356	130
\$5,000 to \$24,999 .....	1 295	88	226	272	480	186	36
\$25,000 to \$49,999 .....	217	70	144	33	39	1	-
\$50,000 or more .....	133	103	122	10	-	1	-
Gasoline and gasoline .....	farms..	5 923	258	468	357	608	480
	\$1,000..	16 532	6 098	8 048	1 939	2 133	1 458
Diesel fuel .....	farms..	3 603	257	487	336	605	339
	\$1,000..	19 590	8 570	11 633	2 690	3 292	757
Natural gas .....	farms..	505	41	72	49	101	28
	\$1,000..	3 600	1 827	2 331	302	583	239
LP gas, fuel oil, kerosene, motor oil, grease, etc. ....	farms..	4 805	275	532	387	674	504
	\$1,000..	4 833	1 769	2 372	639	765	384

See footnotes at end of table



Table 52. **Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>						
Total sales (see text)—Con						
Hogs and pigs ----- farms..	3	4	16	35	41	77
\$1,000.. (D)		34	105	80	55	37
Sales of \$50,000 or more ----- farms..	-	-	-	-	-	-
\$1,000..	-	-	-	-	-	-
Sheep, lambs, and wool ----- farms..	6	5	23	57	63	203
\$1,000..	26	4	91	110	72	101
Sales of \$50,000 or more ----- farms..	-	-	-	-	-	-
\$1,000..	-	-	-	-	-	-
Other livestock and livestock products (see text) ----- farms..	49	41	127	219	251	565
\$1,000..	567	505	1 136	1 001	616	585
Sales of \$50,000 or more ----- farms..	-	-	-	-	-	-
\$1,000..	-	-	-	-	-	-
<b>FARM PRODUCTION EXPENSES'</b>						
Total farm production expenses ----- farms..	396	170	614	804	787	2 504
\$1,000..	10 867	4 384	9 034	6 749	5 323	13 569
Average per farm ----- dollars..	27 443	25 788	14 713	8 395	6 764	5 419
Livestock and poultry purchased ----- farms..	145	72	212	293	274	698
\$1,000..	1 275	438	1 107	655	661	1 039
Farms with expenses of --						
\$1 to \$4,999 -----	76	30	113	269	238	647
\$5,000 to \$24,999 -----	60	42	99	24	36	51
\$25,000 to \$99,999 -----	9	-	-	-	-	-
\$100,000 or more -----	-	-	-	-	-	-
Feed for livestock and poultry ----- farms..	216	117	444	502	463	1 436
\$1,000..	831	824	1 371	946	741	2 768
Farms with expenses of --						
\$1 to \$4,999 -----	155	60	351	467	428	1 295
\$5,000 to \$24,999 -----	61	47	93	29	35	139
\$25,000 to \$99,999 -----	-	10	-	6	-	2
\$100,000 or more -----	-	-	-	-	-	-
Commercially mixed formula feeds ----- farms..	86	59	99	141	188	601
\$1,000..	135	117	107	172	131	492
Farms with expenses of --						
\$1 to \$4,999 -----	80	51	96	141	188	591
\$5,000 to \$24,999 -----	6	8	3	-	-	10
\$25,000 to \$79,999 -----	-	-	-	-	-	-
\$80,000 or more -----	-	-	-	-	-	-
Seeds, bulbs, plants, and trees ----- farms..	158	33	125	143	158	272
\$1,000..	184	34	68	42	43	71
Farms with expenses of --						
\$1 to \$999 -----	90	13	116	141	157	266
\$1,000 to \$4,999 -----	66	20	9	2	1	6
\$5,000 to \$24,999 -----	2	-	-	-	-	-
\$25,000 or more -----	-	-	-	-	-	-
Commercial fertilizer ----- farms..	191	55	190	240	190	544
\$1,000..	427	130	189	150	116	217
Farms with expenses of --						
\$1 to \$4,999 -----	180	47	189	240	184	538
\$5,000 to \$24,999 -----	11	8	1	-	6	6
\$25,000 to \$49,999 -----	-	-	-	-	-	-
\$50,000 or more -----	-	-	-	-	-	-
Agricultural chemicals ----- farms..	210	66	230	253	247	621
\$1,000..	513	110	339	111	113	358
Farms with expenses of --						
\$1 to \$4,999 -----	197	57	220	251	242	620
\$5,000 to \$24,999 -----	13	9	9	2	5	1
\$25,000 to \$49,999 -----	-	-	-	-	-	-
\$50,000 or more -----	-	-	1	-	-	-
Petroleum products ----- farms..	396	156	569	786	750	1 881
\$1,000..	961	376	564	724	720	949
Farms with expenses of --						
\$1 to \$4,999 -----	348	139	562	785	739	1 870
\$5,000 to \$24,999 -----	48	17	7	1	11	11
\$25,000 to \$49,999 -----	-	-	-	-	-	-
\$50,000 or more -----	-	-	-	-	-	-
Gasoline and gasohol ----- farms..	331	136	494	720	652	1 525
\$1,000..	489	262	349	521	440	576
Diesel fuel ----- farms..	214	79	281	277	321	579
\$1,000..	288	78	121	94	156	168
Natural gas ----- farms..	34	4	3	29	82	81
\$1,000..	73	4	1	12	24	17
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	348	108	409	466	446	807
\$1,000..	112	33	93	97	100	189

See footnotes at end of table

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		\$500,000 or more		525,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
— Con.							
Total farm production expenses—Con							
Electricity	farms..	4 870	265	333	511	356	100
	\$1,000..	38 289	22 204	4 111	2 409	1 094	266
Farms with expenses of—							
\$1 to \$999	2 812	3	14	35	146	148	35
\$1,000 to \$4,999	1 257	29	86	126	232	147	47
\$5,000 to \$24,999	543	95	189	134	124	61	18
\$25,000 or more	258	138	211	38	9	—	—
Hired farm labor	farms..	3 582	280	387	636	434	131
	\$1,000..	207 689	140 287	17 196	17 034	4 196	715
Farms with expenses of—							
\$1 to \$4,999	1 527	—	2	2	39	165	69
\$5,000 to \$24,999	976	5	27	127	331	237	61
\$25,000 to \$99,999	724	45	189	229	264	32	1
\$100,000 or more	355	230	324	29	2	—	—
Contract labor	farms..	1 728	150	157	288	186	64
	\$1,000..	40 353	28 211	2 564	2 697	1 269	134
Farms with expenses of—							
\$1 to \$999	419	3	7	5	10	22	21
\$1,000 to \$4,999	631	15	35	37	97	63	32
\$5,000 to \$24,999	487	42	96	84	157	90	11
\$25,000 or more	191	90	125	31	24	11	—
Repair and maintenance	farms..	6 001	279	392	646	510	114
	\$1,000..	53 723	26 013	5 541	6 799	2 436	358
Farms with expenses of—							
\$1 to \$4,999	4 497	20	51	86	214	348	96
\$5,000 to \$24,999	1 051	58	154	247	386	150	18
\$25,000 to \$49,999	234	62	149	45	28	12	—
\$50,000 or more	219	139	187	14	18	—	—
Customwork, machine hire, and rental of machinery and equipment	farms..	2 488	175	260	366	233	66
	\$1,000..	35 038	16 401	4 824	5 796	1 568	326
Farms with expenses of—							
\$1 to \$999	999	5	11	24	28	69	18
\$1,000 to \$4,999	519	25	42	49	78	38	17
\$5,000 to \$24,999	645	45	122	115	178	114	31
\$25,000 or more	325	100	159	72	82	12	—
Interest expense	farms..	3 465	245	316	493	368	83
	\$1,000..	74 553	42 403	7 347	6 382	3 264	736
Farms with expenses of—							
\$1 to \$4,999	1 834	8	35	59	163	165	37
\$5,000 to \$24,999	1 106	43	115	170	244	182	37
\$25,000 to \$99,999	393	88	196	78	85	20	9
\$100,000 or more	132	106	121	9	1	1	—
Secured by real estate	farms..	2 295	143	180	284	256	57
	\$1,000..	47 071	26 505	4 688	4 216	2 507	588
Farms with expenses of—							
\$1 to \$999	392	—	1	5	5	27	3
\$1,000 to \$4,999	863	4	17	31	63	59	23
\$5,000 to \$24,999	713	22	51	83	158	158	22
\$25,000 or more	327	117	182	61	58	12	9
Not secured by real estate	farms..	1 761	165	193	315	200	48
	\$1,000..	27 482	15 898	2 658	2 166	757	148
Farms with expenses of—							
\$1 to \$999	394	4	12	7	25	51	10
\$1,000 to \$4,999	645	6	23	34	137	120	28
\$5,000 to \$24,999	509	43	120	131	139	27	10
\$25,000 or more	213	112	176	21	14	2	—
Cash rent	farms..	1 780	158	204	369	181	78
	\$1,000..	46 666	24 772	5 242	6 014	1 295	250
Farms with expenses of—							
\$1 to \$4,999	871	11	29	44	104	102	54
\$5,000 to \$9,999	278	16	29	35	71	37	22
\$10,000 to \$24,999	259	18	54	54	102	35	2
\$25,000 or more	372	113	200	71	92	7	—
Property taxes	farms..	6 788	230	322	528	468	132
	\$1,000..	21 154	7 243	9 822	2 231	2 084	309
Farms with expenses of—							
\$1 to \$4,999	5 983	53	116	158	376	377	120
\$5,000 to \$9,999	384	33	81	94	105	49	9
\$10,000 to \$24,999	281	65	134	53	43	31	1
\$25,000 or more	140	79	104	17	4	11	2
All other farm production expenses	farms..	7 078	288	404	717	555	167
	\$1,000..	156 858	98 885	13 894	12 055	4 304	958
Farms with expenses of—							
\$1 to \$4,999	5 045	1	7	30	160	240	80
\$5,000 to \$24,999	1 149	18	70	177	376	294	87
\$25,000 to \$49,999	370	24	79	103	159	21	—
\$50,000 or more	514	245	398	94	22	—	—

See footnotes at end of table

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>						
—Con.						
Total farm production expenses—Con						
Electricity..... farms.....	239	130	398	498	547	1 258
..... \$1,000.....	300	126	250	308	318	561
Farms with expenses of—						
\$1 to \$999.....	132	86	288	361	456	1 111
\$1,000 to \$4,999.....	96	38	110	137	91	147
\$5,000 to \$24,999.....	11	6	-	-	-	-
\$25,000 or more.....	-	-	-	-	-	-
Hired farm labor..... farms.....	224	95	234	227	191	481
..... \$1,000.....	1 333	408	616	303	212	498
Farms with expenses of—						
\$1 to \$4,999.....	135	65	188	221	183	458
\$5,000 to \$24,999.....	80	30	46	6	8	23
\$25,000 to \$99,999.....	9	-	-	-	-	-
\$100,000 or more.....	-	-	-	-	-	-
Contract labor..... farms.....	123	43	145	96	56	307
..... \$1,000.....	351	126	295	184	68	275
Farms with expenses of—						
\$1 to \$999.....	38	12	52	34	19	199
\$1,000 to \$4,999.....	66	23	78	55	37	108
\$5,000 to \$24,999.....	19	8	15	7	-	-
\$25,000 or more.....	-	-	-	-	-	-
Repair and maintenance..... farms.....	332	142	495	651	564	1 614
..... \$1,000.....	640	329	696	798	482	1 651
Farms with expenses of—						
\$1 to \$4,999.....	324	129	472	628	564	1 585
\$5,000 to \$24,999.....	8	13	23	23	-	29
\$25,000 to \$49,999.....	-	-	-	-	-	-
\$50,000 or more.....	-	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment..... farms.....	142	50	211	177	174	475
..... \$1,000.....	423	142	400	158	167	168
Farms with expenses of—						
\$1 to \$999.....	43	10	137	115	104	440
\$1,000 to \$4,999.....	61	32	35	62	70	35
\$5,000 to \$24,999.....	38	8	39	-	-	-
\$25,000 or more.....	-	-	-	-	-	-
Interest expense..... farms.....	191	92	264	267	167	757
..... \$1,000.....	921	469	990	689	441	1 947
Farms with expenses of—						
\$1 to \$4,999.....	135	47	175	217	134	667
\$5,000 to \$24,999.....	56	44	89	50	32	87
\$25,000 to \$99,999.....	-	1	-	-	1	3
\$100,000 or more.....	-	-	-	-	-	-
Secured by real estate..... farms.....	99	64	191	219	103	591
..... \$1,000.....	434	352	828	570	290	1 555
Farms with expenses of—						
\$1 to \$999.....	8	5	21	70	28	219
\$1,000 to \$4,999.....	63	29	98	106	63	311
\$5,000 to \$24,999.....	28	29	72	43	11	58
\$25,000 or more.....	-	1	-	-	1	3
Not secured by real estate..... farms.....	119	35	102	83	76	259
..... \$1,000.....	488	117	162	119	150	392
Farms with expenses of—						
\$1 to \$999.....	33	13	69	17	34	123
\$1,000 to \$4,999.....	59	7	16	66	32	123
\$5,000 to \$24,999.....	27	15	17	-	10	13
\$25,000 or more.....	-	-	-	-	-	-
Cash rent..... farms.....	101	32	126	140	101	136
..... \$1,000.....	608	78	165	249	99	148
Farms with expenses of—						
\$1 to \$4,999.....	41	25	124	118	101	129
\$5,000 to \$9,999.....	47	7	2	22	-	6
\$10,000 to \$24,999.....	11	-	-	-	-	1
\$25,000 or more.....	2	-	-	-	-	-
Property taxes..... farms.....	321	153	546	723	752	2 408
..... \$1,000.....	614	240	672	650	504	1 660
Farms with expenses of—						
\$1 to \$4,999.....	303	148	530	714	744	2 397
\$5,000 to \$9,999.....	11	4	9	8	7	7
\$10,000 to \$24,999.....	6	1	6	1	1	4
\$25,000 or more.....	1	-	1	-	-	-
All other farm production expenses..... farms.....	396	170	614	740	708	2 053
..... \$1,000.....	1 485	555	1 313	781	638	1 258
Farms with expenses of—						
\$1 to \$4,999.....	302	136	597	740	700	2 053
\$5,000 to \$24,999.....	94	34	9	-	8	-
\$25,000 to \$49,999.....	-	-	8	-	-	-
\$50,000 or more.....	-	-	-	-	-	-

See footnotes at end of table

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		\$500,000 or more						
		All farms	\$1,000,000 or more					
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT <sup>1</sup>								
All farms.....	number.....	7 673	288	555	404	717	555	167
	\$1,000.....	306 975	202 078	251 308	41 431	21 764	5 466	1 321
Average per farm.....	dollars.....	40 007	701 659	452 808	102 551	30 354	9 849	7 912
Farms with net gains <sup>2</sup> .....	number.....	3 558	265	512	369	544	390	118
Average net gain.....	dollars.....	97 044	775 352	500 065	118 268	49 350	23 108	18 907
Gain of—								
Less than \$1,000.....		512	-	1	2	9	13	2
\$1,000 to \$9,999.....		1 110	2	7	10	65	79	27
\$10,000 to \$49,999.....		896	5	29	44	242	274	89
\$50,000 or more.....		1 040	258	475	313	228	24	-
Farms with net losses.....	number.....	4 115	23	43	35	173	165	49
Average net loss.....	dollars.....	9 309	147 423	109 886	63 157	29 378	21 492	18 568
Loss of—								
Less than \$1,000.....		626	1	1	1	3	2	-
\$1,000 to \$9,999.....		2 568	2	3	6	42	59	22
\$10,000 to \$49,999.....		820	7	18	10	100	84	20
\$50,000 or more.....		101	13	21	18	28	20	7
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments.....	farms.....	1 194	84	222	303	335	146	28
	\$1,000.....	58 034	14 264	26 388	16 429	10 955	2 978	299
Other farm-related income <sup>1</sup> .....	farms.....	942	49	88	68	106	76	31
	\$1,000.....	10 889	2 076	3 579	1 746	2 205	749	857
Customwork and other agricultural services.....	farms.....	425	14	33	31	60	52	18
	\$1,000.....	3 631	(D)	569	381	1 148	542	472
Gross cash rent or share payments.....	farms.....	326	26	36	26	28	20	11
	\$1,000.....	5 273	1 405	1 817	1 194	927	127	(D)
Forest products and Christmas trees.....	farms.....	29	2	4	1	3	1	1
	\$1,000.....	682	(D)	624	(D)	13	(D)	(D)
Other farm-related income sources.....	farms.....	215	16	34	17	23	8	1
	\$1,000.....	1 303	322	569	(D)	116	(D)	(D)
COMMODITY CREDIT CORPORATION LOANS								
Total.....	farms.....	242	16	42	52	60	30	4
	\$1,000.....	13 464	3 074	5 791	3 374	2 997	836	81
Corn.....	farms.....	20	1	2	5	7	5	-
	\$1,000.....	1 060	(D)	(D)	332	494	(D)	-
Wheat.....	farms.....	31	3	8	9	6	4	1
	\$1,000.....	939	(D)	697	168	(D)	(D)	(D)
Soybeans.....	farms.....	-	-	-	-	-	-	-
	\$1,000.....	-	-	-	-	-	-	-
Sorghum, barley, and oats.....	farms.....	5	-	1	-	1	2	-
	\$1,000.....	21	-	(D)	-	(D)	(D)	-
Cotton.....	farms.....	171	13	38	49	50	20	3
	\$1,000.....	10 465	2 514	5 003	2 874	1 964	502	(D)
Peanuts, rye, nca, tobacco, and honey.....	farms.....	46	-	-	-	3	3	1
	\$1,000.....	978	-	-	-	501	172	(D)
LAND IN FARMS ACCORDING TO USE								
Total cropland.....	farms.....	4 840	233	449	411	534	363	122
	acres.....	1 453 852	508 344	715 256	250 007	196 987	70 600	17 277
Harvested cropland.....	farms.....	3 646	209	418	400	507	323	104
	acres.....	865 817	373 154	517 083	161 159	106 538	36 191	6 307
Farms by acres harvested								
1 to 49 acres.....		1 924	19	33	18	50	63	58
50 to 99 acres.....		330	5	7	6	36	120	32
100 to 199 acres.....		383	9	20	27	182	96	11
200 to 499 acres.....		564	15	43	240	220	42	3
500 to 999 acres.....		267	34	147	100	18	2	-
1,000 to 1,999 acres.....		121	70	111	9	1	-	-
2,000 acres or more.....		57	57	57	-	-	-	-
Cropland								
Pasture or grazing only.....	farms.....	1 551	24	49	36	68	70	36
	acres.....	139 721	6 571	9 730	5 763	13 137	10 210	4 488
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....	farms.....	201	19	30	29	40	12	4
	acres.....	23 694	8 619	10 564	2 993	3 783	1 153	168
On which all crops failed.....	farms.....	164	8	11	11	10	2	1
	acres.....	5 445	1 093	1 811	517	506	(D)	(D)
In cultivated summer fallow.....	farms.....	298	19	57	72	76	34	7
	acres.....	85 416	24 085	40 453	15 197	16 390	(D)	(D)
Idle.....	farms.....	1 443	106	211	258	289	144	38
	acres.....	333 759	94 822	135 615	64 378	56 633	17 249	5 223
Total woodland.....	farms.....	280	11	19	11	18	14	16
	acres.....	4 106 447	2 292 444	2 653 201	497 207	661 616	137 340	125 219
Woodland pastured.....	farms.....	190	11	17	7	16	10	10
	acres.....	3 848 812	(D)	2 561 348	445 614	(D)	(D)	79 281
Woodland not pastured.....	farms.....	109	3	5	6	2	4	7
	acres.....	257 635	(D)	97 853	51 593	(D)	(D)	45 938

See footnotes at end of table

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>						
All farms..... number..	396	170	614	804	787	2 504
..... \$1,000..	1 836	-610	-486	-1 113	-2 466	-11 475
Average per farm..... dollars..	4 636	-3 590	-792	-1 385	-3 133	-4 583
Farms with net gains <sup>2</sup> ..... number..	265	70	331	446	285	228
Average net gain..... dollars..	12 549	7 779	6 139	2 574	1 262	472
Gain of—						
Less than \$1,000.....	15	7	28	89	143	203
\$1,000 to \$9,999.....	94	40	264	357	142	25
\$10,000 to \$49,999.....	156	23	39	-	-	-
\$50,000 or more.....	-	-	-	-	-	-
Farms with net losses..... number..	131	100	283	358	502	2 276
Average net loss..... dollars..	11 371	11 549	8 897	6 316	5 628	5 089
Loss of—						
Less than \$1,000.....	3	1	25	41	111	438
\$1,000 to \$9,999.....	74	54	167	273	303	1 565
\$10,000 to \$49,999.....	52	44	90	44	88	270
\$50,000 or more.....	2	1	1	-	-	3
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>						
Government payments..... farms..	51	11	38	23	14	23
..... \$1,000..	544	106	140	85	41	67
Other farm-related income <sup>1</sup> ..... farms..	26	5	84	106	95	257
..... \$1,000..	216	29	386	254	223	646
Customwork and other agricultural services..... farms..	23	2	39	55	32	80
..... \$1,000..	156	(D)	(D)	74	(D)	(D)
Gross cash rent or share payments..... farms..	2	3	32	48	32	88
..... \$1,000..	(D)	(D)	214	179	78	339
Forest products and Christmas trees..... farms..	1	-	6	6	2	2
..... \$1,000..	(D)	-	(D)	(Z)	(D)	(D)
Other farm-related income sources..... farms..	2	-	7	7	29	87
..... \$1,000..	(D)	-	50	(Z)	93	192
<b>COMMODITY CREDIT CORPORATION LOANS</b>						
Total..... farms..	5	5	20	10	5	9
..... \$1,000..	90	57	143	67	18	12
Corn..... farms..	-	-	-	-	-	1
..... \$1,000..	-	-	-	-	-	(D)
Wheat..... farms..	-	-	3	-	-	-
..... \$1,000..	-	-	(D)	-	-	-
Soybeans..... farms..	-	-	-	-	-	-
..... \$1,000..	-	-	-	-	-	-
Sorghum, barley, and oats..... farms..	1	-	-	-	-	-
..... \$1,000..	(D)	-	-	-	-	-
Cotton..... farms..	4	1	6	-	-	-
..... \$1,000..	(D)	(D)	(D)	-	-	-
Peanuts, rye, rice, tobacco, and honey..... farms..	1	4	11	10	5	8
..... \$1,000..	(D)	(D)	98	67	(D)	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>						
Total cropland..... farms..	246	105	363	451	469	1 327
..... acres..	30 624	10 814	43 587	41 744	25 202	51 754
Harvested cropland..... farms..	205	80	275	299	292	743
..... acres..	11 150	3 963	8 187	5 757	3 438	6 044
Farms by acres harvested						
1 to 49 acres.....	118	53	238	278	283	732
50 to 99 acres.....	55	18	27	16	7	6
100 to 199 acres.....	28	5	7	2	1	4
200 to 499 acres.....	4	4	3	3	1	1
500 to 999 acres.....	-	-	-	-	-	-
1,000 to 1,999 acres.....	-	-	-	-	-	-
2,000 acres or more.....	-	-	-	-	-	-
Cropland.....						
Pasture or grazing only..... farms..	69	31	126	217	228	621
..... acres..	9 204	4 535	11 959	23 227	16 223	31 245
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured..... farms..	7	5	13	13	13	35
..... acres..	339	280	578	2 515	701	620
On which all crops failed..... farms..	4	-	11	12	14	88
..... acres..	32	-	116	(D)	(D)	1 596
In cultivated summer fallow..... farms..	10	6	9	2	9	16
..... acres..	1 285	284	1 635	(D)	(D)	2 322
Idle..... farms..	57	24	65	74	62	221
..... acres..	8 614	1 752	21 112	9 653	3 603	9 927
Total woodland..... farms..	12	8	28	28	36	90
..... acres..	5 976	1 152	6 778	4 913	2 372	4 673
Woodland pastured..... farms..	7	5	19	15	25	59
..... acres..	5 707	1 032	5 848	3 613	1 134	3 781
Woodland not pastured..... farms..	7	3	12	17	13	33
..... acres..	269	120	930	1 300	1 238	892

See footnotes at end of table

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured .....	farms..	2 399	51	97	218	202	91
acres..	29 840 297	8 531 870	12 616 796	4 383 145	4 669 086	3 117 545	980 700
Land in house lots, ponds, roads, wasteland, etc. ....	farms..	4 203	178	252	302	220	89
acres..	887 198	187 675	430 181	48 953	162 039	67 014	45 984
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs .....	farms..	1 045	84	292	322	127	20
acres..	119 003	30 661	56 495	32 350	22 783	5 443	494
Conservation reserve program .....	farms..	73	6	23	19	7	2
acres..	13 988	1 831	3 164	5 674	3 678	629	(D)
Value of land and buildings <sup>1</sup> .....	farms..	7 673	288	404	717	555	167
\$1,000..	10 111 212	3 210 932	4 486 817	1 212 232	1 342 519	1 298 355	267 117
Average per farm .....	dollars..	1 317 765	11 149 069	8 084 355	3 000 574	2 339 378	1 599 503
Average per acre .....	dollars..	279	279	237	237	375	220
Farms by value group:							
\$1 to \$39,999 .....	1 356	7	17	10	31	30	11
\$40,000 to \$69,999 .....	618	4	4	4	14	15	16
\$70,000 to \$99,999 .....	562	5	10	4	3	1	—
\$100,000 to \$149,999 .....	790	4	13	4	7	26	9
\$150,000 to \$199,999 .....	564	6	12	11	26	40	13
\$200,000 to \$499,999 .....	1 597	30	45	29	178	191	31
\$500,000 to \$999,999 .....	817	21	50	130	184	102	24
\$1,000,000 to \$1,999,999 .....	577	32	81	105	164	50	19
\$2,000,000 to \$4,999,999 .....	522	73	174	78	76	72	32
\$5,000,000 or more .....	270	106	149	29	34	28	12
VALUE OF MACHINERY AND EQUIPMENT <sup>1</sup>							
Estimated market value of all machinery and equipment .....	farms..	7 635	288	404	717	555	167
\$1,000..	425 285	147 809	195 532	53 461	52 272	33 201	6 926
Farms by value group:							
\$1 to \$4,999 .....	858	2	3	—	5	12	7
\$5,000 to \$9,999 .....	1 920	—	—	1	18	9	11
\$10,000 to \$19,999 .....	1 479	1	7	25	71	120	53
\$20,000 to \$49,999 .....	1 591	11	40	65	215	205	53
\$50,000 to \$99,999 .....	836	30	92	113	243	117	33
\$100,000 to \$199,999 .....	529	89	173	108	113	60	8
\$200,000 to \$499,999 .....	310	79	147	78	50	30	1
\$500,000 or more .....	112	76	93	14	2	2	1
SELECTED MACHINERY AND EQUIPMENT <sup>1</sup>							
Motortrucks, including pickups .....	farms..	6 890	280	403	699	531	145
number..	16 570	2 764	4 075	1 372	2 070	1 484	330
Wheel tractors .....	farms..	5 398	267	370	638	431	140
number..	13 364	2 199	3 352	1 701	1 960	1 084	262
Less than 40 horsepower (PTO) .....	farms..	3 014	114	191	133	198	61
number..	4 492	493	669	340	416	273	78
40 horsepower (PTO) or more .....	farms..	3 426	239	353	562	372	108
number..	8 872	1 706	2 683	1 361	1 544	811	184
Grain and bean combines .....	farms..	332	39	36	84	34	20
number..	382	65	100	47	88	36	20
Cottonpickers and strippers .....	farms..	772	77	199	237	106	7
number..	1 609	293	599	336	393	221	(D)
Mower conditioners .....	farms..	834	46	97	65	84	3
number..	1 032	93	186	100	107	91	4
Pickup balers .....	farms..	827	52	100	67	116	108
number..	1 138	112	217	113	135	155	14
AGRICULTURAL CHEMICALS <sup>1</sup>							
Commercial fertilizer .....	farms..	3 074	202	403	515	328	91
acres on which used..	814 565	375 750	511 650	123 004	103 966	37 466	5 495
Lime .....	farms..	—	—	—	—	—	—
acres on which used..	—	—	—	—	—	—	—
tons..	—	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops .....	farms..	2 228	184	376	470	242	59
acres on which used..	677 844	315 335	437 877	102 138	88 436	28 740	2 990
Nematodes in crops .....	farms..	202	22	42	44	21	7
acres on which used..	32 365	13 893	20 569	3 724	4 847	1 570	112
Diseases in crops and orchards .....	farms..	333	38	60	47	46	16
acres on which used..	61 965	42 010	47 510	3 327	5 421	3 186	1 182
Weeds, grass, or brush in crops and pasture .....	farms..	1 770	148	292	321	191	52
acres on which used..	538 181	267 681	354 122	70 795	61 638	22 065	2 753
Chemicals for defoliation or for growth control of crops or thinning of fruit .....	farms..	1 120	87	212	206	127	40
acres on which used..	311 847	111 819	178 717	56 548	59 899	11 518	1 862

See footnotes at end of table

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>						
Pastureland and rangeland other than cropland and woodland pastured .....	farms.. 170	67	234	308	252	642
acres.. 961 625		202 324	539 471	610 339	283 305	1 475 961
Land in house lots, ponds, roads, wasteland, etc. ....	farms.. 176	86	315	440	465	1 538
acres.. 16 317		2 131	17 112	47 298	10 934	39 235
Cropland under federal acreage reduction programs .....	farms.. 32	8	18	4	6	2
Annual commodity acreage adjustment programs .....	acres.. 757	162	229	94	(D)	(D)
Conservation reserve program .....	farms.. 2	-	1	1	2	4
acres.. (D)		-	(D)	(D)	(D)	466
Value of land and buildings <sup>1</sup> .....	farms.. 396	170	614	804	787	2 504
\$1,000.. 211 284		71 550	234 632	228 582	227 599	530 515
Average per farm .....	dollars.. 533 571	420 882	382 137	284 306	289 198	211 867
Average per acre .....	dollars.. 207	433	323	376	712	336
Farms by value group .....						
\$1 to \$39,999 .....	35	3	128	188	196	707
\$40,000 to \$69,999 .....	42	4	43	81	95	300
\$70,000 to \$99,999 .....	27	16	29	83	93	296
\$100,000 to \$149,999 .....	29	29	88	97	113	375
\$150,000 to \$199,999 .....	12	18	89	48	26	269
\$200,000 to \$499,999 .....	135	58	131	207	193	399
\$500,000 to \$999,999 .....	66	35	42	68	31	85
\$1,000,000 to \$1,999,999 .....	23	4	37	22	22	50
\$2,000,000 to \$4,999,999 .....	24	1	26	5	17	17
\$5,000,000 or more .....	3	2	1	5	1	6
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>						
Estimated market value of all machinery and equipment .....	farms.. 388	170	614	804	786	2 475
\$1,000.. 11 077		4 727	12 190	17 676	14 069	24 155
Farms by value group .....						
\$1 to \$4,999 .....	29	28	41	139	111	483
\$5,000 to \$9,999 .....	26	9	125	116	183	1 422
\$10,000 to \$19,999 .....	126	33	194	230	300	320
\$20,000 to \$49,999 .....	137	76	219	251	136	194
\$50,000 to \$99,999 .....	64	16	33	32	43	50
\$100,000 to \$199,999 .....	5	8	2	35	12	5
\$200,000 to \$499,999 .....	1	-	-	1	1	1
\$500,000 or more .....	-	-	-	-	-	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>						
Motortrucks, including pickups .....	farms.. 355	156	561	751	705	2 037
number.. 740		283	1 036	1 209	1 041	2 930
Wheel tractors .....	farms.. 283	115	397	505	473	1 529
number.. 517		183	704	902	698	2 001
Less than 40 horsepower (PTO) .....	farms.. 140	73	236	332	316	1 090
number.. 206		88	298	438	424	1 262
40 horsepower (PTO) or more .....	farms.. 188	63	263	253	208	595
number.. 311		95	406	464	274	739
Grain and bean combines .....	farms.. 20	-	12	32	27	-
number.. 20		-	12	32	27	-
Cottonpickers and strippers .....	farms.. 32	-	2	2	-	11
number.. 35		-	(D)	(D)	-	(D)
Mower conditioners .....	farms.. 92	20	108	87	64	123
number.. 94		28	127	95	66	134
Pickup balers .....	farms.. 70	13	81	109	83	67
number.. 95		16	95	123	96	79
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>						
Commercial fertilizer .....	farms.. 191	55	190	239	190	544
acres on which used.. 11 618		2 526	4 825	4 998	2 157	6 860
Lime .....	farms.. -	-	-	-	-	-
acres on which used.. -		-	-	-	-	-
tons.. -		-	-	-	-	-
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops .....	farms.. 147	49	115	128	120	211
acres on which used.. 5 966		1 685	3 681	1 967	1 258	3 096
Nematodes in crops .....	farms.. 8	12	22	8	2	19
acres on which used.. 124		696	234	400	(D)	(D)
Diseases in crops and orchards .....	farms.. 8	15	26	17	15	61
acres on which used.. 141		245	450	50	54	399
Weeds, grass, or brush in crops and pasture .....	farms.. 137	22	97	110	106	218
acres on which used.. 7 507		562	7 911	6 520	1 152	3 156
Chemicals for defoliation or for growth control of crops or thinning of fruit .....	farms.. 52	15	14	16	16	49
acres on which used.. 1 510		379	39	73	298	904

See footnotes at end of table

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
TENURE AND RACE OF OPERATOR							
All operators .....	7 669	288	555	471	681	533	191
Full owners .....	5 044	108	195	154	257	271	112
Part owners .....	1 530	97	188	142	234	147	58
Tenants .....	1 095	83	172	175	190	115	21
White .....	7 071	268	514	432	645	508	181
Full owners .....	4 599	93	168	134	237	254	104
Part owners .....	1 472	96	186	138	224	144	57
Tenants .....	1 000	77	160	160	184	110	20
Black and other races .....	598	22	41	39	36	25	10
Full owners .....	445	15	27	20	20	17	8
Part owners .....	58	1	2	4	10	3	1
Tenants .....	95	6	12	15	6	5	1
OWNED AND RENTED LAND							
Land owned .....	farms... 6 597	208	386	297	498	421	174
acres... 27 710 007	10 474 351	13 996 714	3 562 050	3 838 553	2 189 972	745 484	
Owned land in farms .....	farms... 6 574	205	383	296	491	418	170
acres... 26 464 825	10 364 739	13 863 108	3 551 523	3 803 395	2 054 372	742 737	
Land rented or leased from others .....	farms... 2 656	181	365	320	427	264	80
acres... 10 152 440	1 191 062	2 591 921	1 636 702	1 915 632	1 372 198	432 065	
Rented or leased land in farms .....	farms... 2 625	180	360	317	424	262	79
acres... 9 822 969	1 155 594	2 538 326	1 627 789	1 886 333	1 338 127	426 443	
Land rented or leased to others .....	farms... 504	56	79	35	62	36	16
acres... 1 574 653	145 080	167 201	21 440	64 457	169 671	6 369	
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated .....	4 679	145	291	223	314	242	98
Not on farm operated .....	2 469	125	223	214	325	253	71
Not reported .....	521	18	41	34	42	38	22
Operators by principal occupation:							
Farming .....	3 782	244	481	426	547	385	126
Other .....	3 887	44	74	45	134	148	65
Operators by days of work off farm:							
None .....	2 830	197	386	314	391	256	85
Any .....	4 423	67	125	118	242	244	89
1 to 99 days .....	691	25	44	47	62	59	16
100 to 199 days .....	735	9	22	27	54	50	18
200 days or more .....	2 997	33	59	44	126	135	55
Not reported .....	416	24	44	39	48	33	17
Operators by years on present farm:							
2 years or less .....	725	22	56	56	83	74	9
3 or 4 years .....	803	29	49	48	73	44	16
5 to 9 years .....	1 628	57	94	76	115	111	34
10 years or more .....	3 165	126	254	208	311	224	91
Average years on present farm .....	13.4	15.1	15.5	15.0	14.5	13.5	17.2
Not reported .....	1 348	54	102	63	99	80	41
Operators by age group:							
Under 25 years .....	86	-	1	9	12	12	8
25 to 34 years .....	691	34	64	69	82	60	11
35 to 44 years .....	1 768	65	129	92	152	90	36
45 to 49 years .....	968	34	63	41	84	59	18
50 to 54 years .....	952	40	71	66	75	57	17
55 to 59 years .....	968	43	79	70	89	76	27
60 to 64 years .....	874	30	65	69	97	71	30
65 to 69 years .....	623	18	41	30	48	42	16
70 years and over .....	739	24	42	25	42	66	28
Average age .....	51.5	50.7	50.7	49.5	50.1	52.2	53.3
Operators by sex:							
Male .....	6 806	281	541	449	634	503	169
Female .....	863	7	14	22	47	30	22
Operators of Spanish origin (see text) .....	363	8	18	27	26	31	9
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) .....	farms... 5 356	61	136	187	361	303	109
acres... 6 170 484	104 598	438 702	842 439	1 232 993	899 280	432 347	
Partnership .....	farms... 1 369	99	218	186	169	137	47
acres... 4 574 856	344 826	1 504 907	775 454	947 215	614 898	164 826	
Corporation:							
Family held .....	farms... 609	77	127	72	100	61	27
acres... 2 836 580	810 889	1 002 084	290 727	731 807	416 484	83 149	
More than 10 stockholders .....	farms... 17	1	3	4	3	3	-
10 or less stockholders .....	farms... 592	76	124	68	97	58	27
Other than family held .....	farms... 115	28	40	11	27	13	-
acres... 1 117 865	516 739	701 584	272 094	103 320	31 514	-	
More than 10 stockholders .....	farms... 25	6	13	2	2	3	-
10 or less stockholders .....	farms... 90	22	27	9	25	10	-
Other—cooperative, estate or trust, institutional, etc .....	farms... 220	23	34	15	24	19	8
acres... 21 588 009	9 743 281	12 774 157	2 998 598	2 674 393	1 430 323	488 858	

See footnotes at end of table



Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>TENURE AND RACE OF OPERATOR</b>						
All operators .....	392	170	587	775	820	2 494
Full owners .....	255	122	399	559	622	2 098
Part owners .....	77	35	129	145	137	238
Tenants .....	60	13	59	71	61	158
White .....	381	163	547	700	739	2 261
Full owners .....	245	117	370	504	558	1 908
Part owners .....	76	34	121	140	130	222
Tenants .....	60	12	56	56	51	131
Black and other races .....	11	7	40	75	81	233
Full owners .....	10	5	29	55	64	190
Part owners .....	1	1	8	5	7	16
Tenants .....	-	1	3	15	10	27
<b>OWNED AND RENTED LAND</b>						
Land owned .....	332	158	529	705	760	2 337
acres..	385 422	90 140	260 915	401 585	156 885	2 082 287
Owned land in farms .....	332	157	528	704	759	2 336
acres..	375 847	86 276	251 746	377 497	117 964	1 220 360
Land rented or leased from others .....	140	48	194	218	201	399
acres..	677 129	147 505	397 372	336 025	214 272	429 619
Rented or leased land in farms .....	137	48	188	216	198	396
acres..	638 695	130 145	355 202	326 797	203 849	351 263
Land rented or leased to others .....	30	16	36	59	51	84
acres..	48 009	21 224	51 339	33 316	49 344	940 283
<b>OPERATOR CHARACTERISTICS</b>						
Operators by place of residence .....						
On farm operated .....	193	109	368	517	567	1 757
Not on farm operated .....	171	53	186	215	197	561
Not reported .....	28	8	33	43	56	176
Operators by principal occupation .....						
Farming .....	240	102	281	313	275	606
Other .....	152	68	306	462	545	1 888
Operators by days of work off farm: .....						
None .....	139	65	176	222	228	568
Any .....	219	91	375	516	556	1 848
1 to 99 days .....	48	17	55	63	58	222
100 to 199 days .....	42	22	76	102	92	230
200 days or more .....	129	52	244	351	406	1 396
Not reported .....	34	14	36	37	36	78
Operators by years on present farm .....						
2 years or less .....	40	11	32	56	63	245
3 or 4 years .....	36	14	61	76	96	290
5 to 9 years .....	73	32	150	163	171	609
10 years or more .....	181	85	255	357	329	870
Average years on present farm .....	15.9	16.5	14.6	14.0	13.3	10.8
Not reported .....	62	28	89	123	161	480
Operators by age group: .....						
Under 25 years .....	2	-	2	8	13	19
25 to 34 years .....	23	10	44	65	57	206
35 to 44 years .....	75	35	126	164	198	671
45 to 49 years .....	46	23	59	91	98	386
50 to 54 years .....	48	17	86	97	102	316
55 to 59 years .....	45	18	65	110	108	281
60 to 64 years .....	39	25	63	77	75	263
65 to 69 years .....	50	18	55	75	82	166
70 years and over .....	64	24	87	88	87	186
Average age .....	55.1	54.6	53.7	52.7	52.2	50.2
Operators by sex .....						
Male .....	363	154	531	653	727	2 082
Female .....	29	16	56	122	93	412
Operators of Spanish origin (see text) .....	20	6	31	31	58	106
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Individual or family (sole proprietorship) .....	274	120	446	612	701	2 107
acres..	634 983	107 229	429 214	518 968	272 539	361 790
Partnership .....	84	31	91	95	67	244
acres..	268 427	40 874	101 352	58 364	21 771	76 768
Corporation .....						
Family held .....	28	13	28	47	35	71
acres..	110 420	60 199	51 336	32 449	16 775	41 150
More than 10 stockholders .....	2	-	-	-	1	1
10 or less stockholders .....	26	13	28	47	34	70
Other than family held .....	1	1	7	3	3	9
acres..	(D)	(D)	(D)	3 933	183	606
More than 10 stockholders .....	-	-	1	-	1	3
10 or less stockholders .....	1	1	6	3	2	6
Other—cooperative, estate or trust, institutional, etc. ....	5	5	15	18	14	63
acres..	(D)	(O)	(D)	90 580	10 545	1 091 309

See footnotes at end of table

Table 52. **Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		\$500,000 or more					
		All farms	\$1,000,000 or more				
FARMS BY SIZE							
1 to 9 acres .....	2 158	12	19	17	33	38	18
10 to 49 acres .....	1 510	29	57	21	23	48	30
50 to 69 acres .....	256	13	20	5	7	20	8
70 to 99 acres .....	314	14	17	4	16	40	9
100 to 139 acres .....	247	7	10	4	30	37	13
140 to 179 acres .....	316	10	15	5	35	45	23
180 to 219 acres .....	166	3	4	4	37	33	3
220 to 259 acres .....	131	1	4	16	35	24	3
260 to 499 acres .....	613	17	31	94	183	59	13
500 to 999 acres .....	678	21	68	185	120	48	7
1,000 to 1,999 acres .....	436	57	157	60	27	17	13
2,000 acres or more .....	844	104	153	56	135	124	51
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011) .....	71	-	-	2	11	17	2
Field crops, except cash grains (013) .....	1 540	73	220	313	352	163	33
Cotton (0131) .....	1 016	61	190	286	310	121	21
Tobacco (0132) .....	-	-	-	-	-	-	-
Sugarcane and sugar beets, fresh potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	524	12	30	27	42	42	12
Vegetables and melons (016) .....	175	52	64	15	22	16	14
Fruits and tree nuts (017) .....	780	20	30	17	41	70	25
Horticultural specialties (018) .....	182	17	31	20	26	9	6
General farms, primarily crop (019) .....	98	6	11	9	11	6	2
Livestock, except dairy, poultry, and animal specialties (021) .....	3 190	51	96	68	199	235	97
Beef cattle, except feedlots (0212) .....	2 641	19	46	52	168	218	94
Dairy farms (024) .....	142	65	96	20	9	4	-
Poultry and eggs (025) .....	67	1	2	2	2	-	1
Animal specialties (027) .....	1 351	2	4	5	8	13	11
General farms, primarily livestock and animal specialties (029) .....	73	1	1	-	-	-	-
LIVESTOCK							
Cattle and calves inventory .....	farms.. 3 521	112	199	102	228	257	106
.....	number.. 1 110 912	591 513	679 292	87 671	121 017	88 183	24 552
Farms with—							
1 to 9 .....	986	1	7	7	6	8	5
10 to 49 .....	1 098	-	2	7	21	18	13
50 to 99 .....	367	1	4	7	11	11	4
100 to 199 .....	296	2	2	9	22	31	30
200 to 499 .....	396	6	30	22	62	137	49
500 or more .....	378	102	154	50	106	52	5
Cows and heifers that had calved .....	farms.. 2 738	94	168	89	196	230	93
.....	number.. 421 131	119 826	165 798	50 111	71 150	54 095	14 452
Beef cows .....	farms.. 2 497	32	75	71	185	228	91
.....	number.. 334 851	52 501	85 949	45 805	69 912	53 901	14 431
Farms with—							
1 to 9 .....	759	-	4	4	7	12	4
10 to 49 .....	780	4	8	7	18	14	10
50 to 99 .....	245	1	2	8	7	9	9
100 to 199 .....	275	3	6	4	13	61	41
200 to 499 .....	287	3	13	9	83	123	25
500 or more .....	151	21	42	39	57	9	2
Milk cows .....	farms.. 476	69	104	25	26	26	9
.....	number.. 86 280	67 325	79 849	4 306	1 238	194	21
Farms with—							
1 to 4 .....	305	2	5	2	14	19	7
5 to 9 .....	27	-	-	2	3	3	2
10 to 49 .....	17	-	1	2	-	3	-
50 to 99 .....	4	-	-	-	3	1	-
100 to 199 .....	12	-	-	8	4	-	-
200 to 499 .....	44	8	31	11	2	-	-
500 or more .....	67	59	67	-	-	-	-
Heifers and heifer calves .....	farms.. 2 540	84	147	70	190	200	70
.....	number.. 160 302	56 435	72 990	18 967	26 960	15 180	4 640
Steers, steer calves, bulls, and bull calves .....	farms.. 2 903	97	172	79	207	232	89
.....	number.. 529 479	415 252	440 504	18 593	22 907	18 908	5 460
Cattle and calves sold .....	farms.. 3 302	118	207	102	233	261	110
.....	number.. 1 009 492	694 540	757 306	56 468	79 710	48 364	13 173
Calves .....	\$1,000.. 506 565	393 274	419 716	20 675	28 369	16 121	4 213
.....	farms.. 2 252	82	127	63	138	201	77
Cattle .....	number.. 218 160	88 051	99 520	18 660	34 480	27 212	7 280
.....	\$1,000.. 54 685	20 531	23 002	5 089	8 831	7 489	2 032
Fattened on grain and concentrates .....	farms.. 2 587	107	191	90	211	230	88
.....	number.. 791 332	606 489	657 786	37 808	45 230	21 152	5 893
.....	\$1,000.. 451 880	372 743	396 714	15 586	19 539	8 632	2 181
.....	farms.. 314	26	38	12	20	16	5
.....	number.. 508 829	491 778	499 886	3 002	3 152	1 139	157
.....	\$1,000.. 330 168	320 199	324 937	1 898	1 871	560	86

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>FARMS BY SIZE</b>						
1 to 9 acres .....	42	31	115	216	331	1 298
10 to 49 acres .....	84	37	164	201	216	629
50 to 69 acres .....	18	9	22	29	32	86
70 to 99 acres .....	33	10	32	34	24	95
100 to 139 acres .....	21	7	15	23	31	56
140 to 179 acres .....	23	13	26	37	28	66
180 to 219 acres .....	9	5	9	18	7	37
220 to 259 acres .....	8	4	7	8	5	17
260 to 499 acres .....	27	16	37	40	50	63
500 to 999 acres .....	28	8	48	60	45	61
1,000 to 1,999 acres .....	17	11	40	46	17	31
2,000 acres or more .....	82	19	72	63	34	55
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>						
Cash grains (011) .....	6	2	4	8	7	12
Field crops, except cash grains (013) .....	81	24	81	69	70	114
Cotton (0131) .....	36	10	27	7	4	4
Tobacco (0132) .....	-	-	-	-	-	-
Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	45	14	54	82	66	110
Vegetables and melons (016) .....	10	1	13	6	5	9
Fruits and tree nuts (017) .....	53	23	75	80	74	292
Horticultural specialties (018) .....	15	7	18	19	17	14
General farms, primarily crop (019) .....	3	-	6	2	3	45
Livestock, except dairy, poultry, and animal specialties (021) .....	202	91	302	428	468	1 004
Beef cattle, except feedlots (0212) .....	187	89	273	380	388	746
Dairy farms (024) .....	5	1	4	-	1	2
Poultry and eggs (025) .....	-	-	2	-	7	51
Animal specialties (027) .....	17	21	80	135	166	891
General farms, primarily livestock and animal specialties (029) .....	-	-	2	8	2	60
<b>LIVESTOCK</b>						
Cattle and calves inventory .....	224	99	343	465	480	1 018
farms .....	35	12	23	18	10	10
number .....	35 399	12 016	23 862	18 646	10 157	10 115
Farms with—						
1 to 9 .....	17	9	31	78	143	675
10 to 49 .....	13	10	113	268	305	328
50 to 99 .....	44	25	127	96	26	12
100 to 199 .....	85	38	58	15	4	2
200 to 499 .....	58	15	14	6	2	1
500 or more .....	7	2	-	2	-	-
Cows and heifers that had calved .....	204	75	287	363	359	674
farms .....	24	6	14	10	5	4
number .....	155	482	682	419	223	564
Beef cows .....	196	72	283	348	337	611
farms .....	23	6	14	10	5	4
number .....	972	436	592	343	137	373
Farms with—						
1 to 9 .....	7	8	29	75	138	471
10 to 49 .....	23	11	133	230	189	137
50 to 99 .....	47	27	93	34	6	3
100 to 199 .....	95	21	24	6	4	-
200 to 499 .....	23	5	4	2	-	-
500 or more .....	1	-	-	1	-	-
Milk cows .....	26	13	31	44	55	115
farms .....	183	46	90	76	86	191
Farms with—						
1 to 4 .....	20	8	27	41	54	108
5 to 9 .....	3	3	1	2	1	7
10 to 49 .....	5	2	3	1	-	-
50 to 99 .....	-	-	-	-	-	-
100 to 199 .....	-	-	-	-	-	-
200 to 499 .....	-	-	-	-	-	-
500 or more .....	-	-	-	-	-	-
Heifers and heifer calves .....	173	72	261	351	341	665
farms .....	5	2	4	4	2	2
number .....	324	781	482	064	306	608
Steers, steer calves, bulls, and bull calves .....	197	90	299	397	401	740
farms .....	5	2	4	4	2	2
number .....	920	753	698	165	628	943
Cattle and calves sold .....	229	97	350	470	491	752
farms .....	18	6	12	9	5	3
number .....	704	129	058	231	153	196
\$1,000 .....	6	1	4	2	1	893
Calves .....	165	80	256	332	338	475
farms .....	10	3	6	5	3	1
number .....	137	957	526	400	093	895
\$1,000 .....	2	1	1	1	683	400
Cattle .....	189	74	300	373	363	478
farms .....	8	2	5	3	2	1
number .....	567	172	532	831	060	301
\$1,000 .....	3	829	252	1	796	493
Fattened on grain and concentrates .....	17	1	23	40	68	74
farms .....	683	(D)	(D)	194	188	158
number .....	369	(D)	(D)	108	107	81
\$1,000 .....						

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
LIVESTOCK—Con.							
Hogs and pigs inventory..... farms..	331	8	15	6	19	26	2
number..	135 414	89 138	113 950	6 046	10 374	1 910	(D)
Farms with—							
1 to 24 .....	266	1	1	3	5	15	2
25 to 49 .....	17	-	-	-	1	4	-
50 to 99 .....	7	-	-	-	1	2	-
100 to 199 .....	7	-	-	-	1	2	-
200 to 499 .....	9	-	-	-	4	2	-
500 or more .....	25	7	14	3	7	1	-
Used or to be used for breeding..... farms..	140	6	12	4	13	17	-
number..	14 863	8 849	11 222	684	1 868	516	-
Other..... farms..	312	8	15	6	19	25	2
number..	120 551	80 289	102 728	5 362	8 506	1 394	(D)
Hogs and pigs sold..... farms..	242	8	15	5	19	25	2
number..	237 623	153 237	190 371	11 861	26 170	5 277	(D)
\$1,000..	26 953	18 202	22 737	1 122	2 243	452	(D)
Feeder pigs..... farms..	46	1	1	1	5	7	-
number..	24 744	(D)	(D)	(D)	10 977	2 223	-
\$1,000..	1 154	(D)	(D)	(D)	512	94	-
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30..... farms..	146	7	13	5	12	17	-
number..	29 211	19 573	24 063	1 499	2 306	735	-
Dec. 1 and May 31..... farms..	134	7	13	5	12	17	-
number..	15 167	10 361	12 533	797	1 130	386	-
June 1 and Nov. 30..... farms..	108	7	13	4	12	12	-
number..	14 044	9 212	11 530	702	1 176	349	-
Sheep and lambs of all ages inventory..... farms..	456	15	23	12	9	15	7
number..	301 279	185 983	238 245	31 887	14 278	2 099	1 610
Ewes 1 year old or older..... farms..	381	13	21	9	5	13	6
number..	164 290	(D)	(D)	20 300	6 560	(D)	(D)
Sheep and lambs sold..... farms..	395	15	23	11	8	15	5
number..	116 165	36 780	70 655	23 508	13 122	1 088	843
Sheep and lambs shorn..... farms..	339	13	21	9	6	14	4
number..	228 471	147 033	185 625	24 712	6 500	1 460	586
pounds of wool..	1 931 271	1 290 119	1 586 907	192 859	69 552	11 885	3 188
Horses and ponies inventory..... farms..	3 566	53	98	69	182	194	92
number..	70 550	32 747	38 671	2 765	3 166	2 638	1 448
Horses and ponies sold..... farms..	1 088	20	32	25	34	51	21
number..	8 777	3 961	4 749	530	275	253	211
Goats inventory..... farms..	371	13	17	1	4	6	-
number..	116 899	99 727	108 660	(D)	21	649	-
Goats sold..... farms..	159	10	12	1	2	1	-
number..	26 363	(D)	22 618	(D)	(D)	(D)	-
POULTRY							
Chickens 3 months old or older inventory..... farms..	741	2	5	4	12	15	9
number..	331 462	(D)	286 534	(D)	21 400	480	2 341
Farms with—							
1 to 399 .....	736	1	3	4	11	15	8
400 to 3,199 .....	2	-	-	-	-	-	1
3,200 to 9,999 .....	-	-	-	-	-	-	-
10,000 to 19,999 .....	-	-	-	-	-	-	-
20,000 to 49,999 .....	1	-	-	-	1	-	-
50,000 to 99,999 .....	1	-	1	-	-	-	-
100,000 or more .....	1	1	1	-	-	-	-
Hens and pullets of laying age..... farms..	734	2	5	4	12	15	9
number..	329 318	(D)	286 534	(D)	21 382	(D)	(D)
Pullets 3 months old or older not of laying age..... farms..	146	-	-	1	3	7	1
number..	2 144	-	-	(D)	18	(D)	(D)
Hens and pullets sold..... farms..	70	2	3	1	1	-	1
number..	325 609	(D)	271 610	(D)	(D)	-	(D)
Broilers and other meat-type chickens sold..... farms..	23	-	-	1	1	-	-
number..	(D)	-	-	(D)	(D)	-	-
Farms with—							
1 to 1,999 .....	21	-	-	-	-	-	-
2,000 to 59,999 .....	1	-	-	-	1	-	-
60,000 to 99,999 .....	-	-	-	-	-	-	-
100,000 or more .....	1	-	-	1	-	-	-
Turkey hens kept for breeding..... farms..	31	-	-	-	-	2	-
number..	182	-	-	-	-	(D)	-
Turkeys sold..... farms..	19	-	-	-	1	-	-
number..	(D)	-	-	-	(D)	-	-

See footnotes at end of table

Table 52. **Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>LIVESTOCK—Con.</b>						
Hogs and pigs inventory ----- farms..	5	8	19	47	56	128
number..	(D)	190	1 134	394	536	524
Farms with—						
1 to 24 .....	3	6	12	43	48	128
25 to 49 .....	-	-	3	3	6	-
50 to 99 .....	-	1	-	1	2	-
100 to 199 .....	1	1	2	-	-	-
200 to 499 .....	1	-	2	-	-	-
500 or more .....	-	-	-	-	-	-
Used or to be used for breeding ----- farms..	3	4	11	18	21	37
number..	81	22	203	105	75	87
Other ----- farms..	5	8	19	41	52	120
number..	(D)	168	931	289	461	437
Hogs and pigs sold ----- farms..	3	4	16	35	41	77
number..	(D)	243	1 069	924	629	393
\$1,000..	(D)	34	105	80	55	37
Feeder pigs ----- farms..	1	-	3	8	5	15
number..	(D)	-	212	345	279	172
\$1,000..	(D)	-	8	11	8	6
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 --- farms..	3	4	13	18	21	40
number..	77	24	196	128	93	90
Dec. 1 and May 31 ----- farms..	3	4	11	18	17	34
number..	(D)	(D)	93	72	50	48
June 1 and Nov. 30 ----- farms..	2	4	10	13	14	24
number..	(D)	(D)	103	56	43	42
Sheep and lambs of all ages inventory ----- farms..	12	5	26	53	70	224
number..	334	84	3 046	2 881	2 491	4 324
Ewes 1 year old or older ----- farms..	9	3	24	41	56	194
number..	142	(D)	(D)	1 180	1 318	2 273
Sheep and lambs sold ----- farms..	4	4	23	57	61	184
number..	303	58	1 429	1 778	1 347	2 034
Sheep and lambs shorn ----- farms..	4	3	20	42	54	162
number..	108	66	3 008	1 830	1 472	3 104
pounds of wool..	1 066	447	22 404	14 391	8 654	19 918
Horses and ponies inventory ----- farms..	183	80	287	420	432	1 529
number..	1 698	895	2 441	2 956	2 689	11 183
Horses and ponies sold ----- farms..	39	28	98	167	191	402
number..	173	216	531	615	475	749
Goats inventory ----- farms..	11	2	30	53	65	182
number..	931	(D)	830	1 538	1 266	2 329
Goats sold ----- farms..	1	-	13	29	26	74
number..	(D)	-	242	901	958	992
<b>POULTRY</b>						
Chickens 3 months old or older inventory ----- farms..	25	13	62	90	139	367
number..	453	644	(D)	2 831	4 933	9 016
Farms with—						
1 to 399 .....	25	13	61	90	139	367
400 to 3,199 .....	-	-	1	-	-	-
3,200 to 9,999 .....	-	-	-	-	-	-
10,000 to 19,999 .....	-	-	-	-	-	-
20,000 to 49,999 .....	-	-	-	-	-	-
50,000 to 99,999 .....	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-
Hens and pullets of laying age ----- farms..	25	13	61	90	137	363
number..	453	514	2 677	2 687	4 405	7 843
Pullets 3 months old or older not of laying age ----- farms..	-	3	8	13	21	89
number..	-	130	59	144	528	1 173
Hens and pullets sold ----- farms..	-	4	6	13	9	32
number..	-	65	5 348	748	422	1 140
Broilers and other meat-type chickens sold ----- farms..	-	-	1	4	5	11
number..	-	-	(D)	115	623	178
Farms with—						
1 to 1,999 .....	-	-	1	4	5	11
2,000 to 59,999 .....	-	-	-	-	-	-
60,000 to 99,999 .....	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-
Turkey hens kept for breeding ----- farms..	-	2	1	6	5	15
number..	-	(D)	(D)	16	71	62
Turkeys sold ----- farms..	1	2	2	1	4	8
number..	(D)	(D)	(D)	(D)	(D)	53

See footnotes at end of table

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		\$500,000 or more						
		All farms	\$1,000,000 or more					Total
CROPS HARVESTED								
Corn for grain or seed	farms..	166	14	18	13	21	5	
	acres..	12 794	2 876	3 510	2 073	3 526	107	
	bushels..	1 530 568	146 525	235 850	333 102	512 964	13 718	
	Irrigated	farms..	132	10	14	12	21	4
	acres..	10 706	1 091	1 725	2 060	3 526	106	
Corn for silage or green chop	farms..	121	13	27	14	25	1	
	acres..	8 781	1 942	3 268	1 443	1 939	(D)	
	tons, green..	190 335	48 442	82 763	31 798	40 164	12 030	
	Irrigated	farms..	121	13	27	14	25	9
	acres..	8 781	1 942	3 268	1 443	1 939	(D)	
Sorghum for grain or seed	farms..	39	3	8	10	8	-	
	acres..	3 242	675	1 595	627	572	-	
	bushels..	249 319	47 113	137 745	42 663	42 041	8 854	
	Irrigated	farms..	39	3	8	10	8	-
	acres..	3 242	675	1 595	627	572	-	
Wheat for grain	farms..	443	76	148	123	96	4	
	acres..	97 407	57 585	70 939	13 916	8 919	209	
	bushels..	7 991 708	4 822 321	5 931 832	1 096 728	707 839	17 697	
	Irrigated	farms..	433	75	147	120	96	4
	acres..	96 947	57 550	70 904	13 606	8 919	209	
Farms by acres harvested:								
	1 to 24 acres	64	-	4	12	9	2	
	25 to 99 acres	158	4	22	52	59	1	
	100 to 249 acres	136	19	51	51	22	1	
	250 to 499 acres	57	29	46	7	4	-	
	500 acres or more	28	24	25	1	2	-	
Barley for grain	farms..	168	24	50	42	41	3	
	acres..	14 654	5 585	8 271	2 925	2 454	130	
	bushels..	1 365 067	545 240	789 124	269 554	225 517	9 503	
	Irrigated	farms..	168	24	50	42	41	3
	acres..	14 654	5 585	8 271	2 925	2 454	130	
Cotton	farms..	1 199	107	262	322	343	24	
	acres..	381 733	121 558	206 379	98 486	59 733	1 223	
	bales..	1 005 493	337 261	561 009	261 836	145 578	2 523	
	Irrigated	farms..	1 199	107	262	322	343	24
	acres..	381 733	121 558	206 379	98 486	59 733	1 223	
Farms by acres harvested:								
	1 to 24 acres	58	-	2	1	3	6	
	25 to 99 acres	239	5	7	11	43	104	
	100 to 249 acres	392	13	25	84	246	31	
	250 to 499 acres	317	12	64	200	48	5	
	500 acres or more	193	77	164	26	3	-	
Irish potatoes	farms..	28	7	13	3	1	-	
	acres..	3 618	1 997	3 181	(D)	(D)	-	
	cwt..	927 389	459 111	809 611	(D)	(D)	-	
	Irrigated	farms..	28	7	13	3	1	-
	acres..	3 618	1 997	3 181	(D)	(D)	-	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms..	1 402	87	181	137	146	38	
	acres..	181 319	70 639	99 726	31 409	20 009	10 210	
	tons, dry..	1 040 321	453 979	637 667	177 787	109 755	44 877	
	Irrigated	farms..	1 373	87	179	136	145	38
	acres..	178 577	70 569	99 034	30 759	19 889	9 885	
Farms by acres harvested:								
	1 to 24 acres	653	2	5	12	18	24	
	25 to 99 acres	396	13	42	46	59	39	
	100 to 249 acres	171	16	33	36	45	33	
	250 to 499 acres	97	17	39	25	20	7	
	500 acres or more	85	39	62	18	4	1	
Alfalfa hay	farms..	1 148	70	151	120	121	87	
	acres..	136 959	54 574	77 261	23 938	13 954	7 782	
	tons, dry..	909 135	398 066	566 327	157 274	88 635	39 626	
	Irrigated	farms..	1 148	70	151	120	121	87
	acres..	136 959	54 574	77 261	23 938	13 954	7 782	
Vegetables harvested for sale (see text)	farms..	328	81	111	44	42	26	
	acres..	98 138	84 565	89 377	4 461	2 197	999	
	Irrigated	farms..	328	81	111	44	42	26
		acres..	98 138	84 565	89 377	4 461	2 197	999
Farms by acres harvested:								
	0.1 to 4.9 acres	58	1	1	-	2	1	
	5.0 to 24.9 acres	64	3	5	7	9	9	
	25.0 to 99.9 acres	97	9	18	23	24	15	
	100.0 to 249.9 acres	42	11	23	11	7	1	
	250.0 acres or more	67	57	64	3	-	-	
Land in orchards	farms..	1 141	41	69	39	63	94	
	acres..	74 921	38 952	44 624	6 035	6 807	5 700	
	Irrigated	farms..	1 141	41	69	39	63	94
		acres..	74 921	38 952	44 624	6 035	6 807	5 700
Farms by bearing and nonbearing acres								
	0.1 to 4.9 acres	430	3	9	4	6	10	
	5.0 to 24.9 acres	387	4	9	4	9	19	
	25.0 to 99.9 acres	206	6	7	12	22	49	
	100.0 to 249.9 acres	69	3	12	12	22	12	
	250.0 acres or more	49	25	32	7	4	4	
All citrus fruit	farms..	546	21	33	22	36	60	
	Bearing and nonbearing..	40 791	21 821	25 309	2 896	3 525	3 691	

See footnotes at end of table

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>CROPS HARVESTED</b>						
Corn for grain or seed ----- farms..	11	5	12	9	16	36
acres..	501	194	183	136	109	143
----- bushels..	58 870	14 979	11 400	8 409	8 407	7 282
Irrigated ----- farms..	11	5	8	8	11	18
acres..	501	194	103	76	102	91
Corn for silage or green chop ----- farms..	8	1	12	8	4	12
acres..	900	(D)	(D)	97	12	80
----- tons, green..	13 310	(D)	(D)	1 765	215	1 395
Irrigated ----- farms..	8	1	12	8	4	12
acres..	900	(D)	(D)	97	12	80
Sorghum for grain or seed ----- farms..	1	2	2	1	1	-
acres..	(D)	(D)	(D)	(D)	(D)	-
----- bushels..	(D)	(D)	(D)	(D)	(D)	-
Irrigated ----- farms..	1	2	2	1	1	-
acres..	(D)	(D)	(D)	(D)	(D)	-
Wheat for grain ----- farms..	11	2	6	10	6	8
acres..	404	(D)	(D)	162	122	31
----- bushels..	32 302	(D)	(D)	7 045	4 864	2 170
Irrigated ----- farms..	11	1	5	8	5	7
acres..	404	(D)	(D)	152	70	29
Farms by acres harvested						
1 to 24 acres -----	6	1	2	9	4	8
25 to 99 acres -----	4	1	2	1	2	-
100 to 249 acres -----	1	-	2	-	-	-
250 to 499 acres -----	-	-	-	-	-	-
500 acres or more -----	-	-	-	-	-	-
Barley for grain ----- farms..	7	-	2	3	4	2
acres..	(D)	-	(D)	(D)	70	(D)
----- bushels..	(D)	-	(D)	(D)	3 041	(D)
Irrigated ----- farms..	7	-	2	3	4	2
acres..	(D)	-	(D)	(D)	70	(D)
Cotton ----- farms..	41	11	30	10	5	5
acres..	2 032	294	752	162	79	10
----- bales..	3 414	538	1 257	161	74	13
Irrigated ----- farms..	41	11	30	10	5	5
acres..	2 032	294	752	162	79	10
Farms by acres harvested						
1 to 24 acres -----	5	5	18	8	3	5
25 to 99 acres -----	32	6	12	2	2	-
100 to 249 acres -----	4	-	-	-	-	-
250 to 499 acres -----	-	-	-	-	-	-
500 acres or more -----	-	-	-	-	-	-
Irish potatoes ----- farms..	-	-	6	-	1	4
acres..	-	-	14	-	(D)	(D)
----- cwt..	-	-	2 570	-	(D)	(D)
Irrigated ----- farms..	-	-	6	-	1	4
acres..	-	-	14	-	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc (see text) ----- farms..	80	30	119	142	130	295
acres..	4 376	2 068	3 744	2 941	1 863	2 448
----- tons, dry..	20 888	6 516	13 107	9 645	5 337	5 244
Irrigated ----- farms..	80	30	110	141	128	286
acres..	4 376	1 884	3 510	2 881	1 828	2 326
Farms by acres harvested						
1 to 24 acres -----	17	7	62	104	116	276
25 to 99 acres -----	54	15	53	37	14	17
100 to 249 acres -----	8	6	3	-	-	2
250 to 499 acres -----	1	2	1	1	-	-
500 acres or more -----	-	-	-	-	-	-
Alfalfa hay ----- farms..	71	23	88	119	111	226
acres..	3 390	1 235	2 389	2 154	1 385	1 509
----- tons, dry..	17 553	5 200	9 642	8 265	4 555	3 957
Irrigated ----- farms..	71	23	88	119	111	226
acres..	3 390	1 235	2 389	2 154	1 385	1 509
Vegetables harvested for sale (see text) ----- farms..	17	4	22	10	12	23
acres..	238	51	137	38	19	17
Irrigated ----- farms..	17	4	22	10	12	23
acres..	238	51	137	38	19	17
Farms by acres harvested						
0.1 to 4.9 acres -----	3	-	11	6	11	23
5.0 to 24.9 acres -----	11	3	11	4	1	-
25.0 to 99.9 acres -----	3	1	-	-	-	-
100.0 to 249.9 acres -----	-	-	-	-	-	-
250.0 acres or more -----	-	-	-	-	-	-
Land in orchards ----- farms..	67	31	107	126	122	387
acres..	2 025	862	2 312	1 347	968	3 118
Irrigated ----- farms..	67	31	107	126	122	387
acres..	2 025	862	2 312	1 347	968	3 118
Farms by bearing and nonbearing acres						
0.1 to 4.9 acres -----	9	7	23	47	79	235
5.0 to 24.9 acres -----	27	15	63	66	34	127
25.0 to 99.9 acres -----	27	8	18	13	8	22
100.0 to 249.9 acres -----	4	-	2	-	1	3
250.0 acres or more -----	-	1	1	-	-	-
All citrus fruit ----- farms..	47	19	58	65	60	127
Bearing and nonbearing .. acres..	1 333	369	1 023	787	505	702

<sup>1</sup>Data are based on a sample of farms

<sup>2</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000

Table 53. Summary by Standard Industrial Classification of Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n e c (0133, 0134 0139)		
FARMS AND LAND IN FARMS								
Farms..... number.....	7 669	71	1 540	1 016	-	524	175	780
..... percent.....	100.0	9	20.1	13.2	-	6.8	2.3	10.2
Land in farms..... acres.....	36 287 794	31 518	1 894 876	1 393 091	-	501 785	189 064	201 582
Average size of farm..... acres.....	4 732	444	1 230	1 371	-	958	1 080	258
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total sales (see text)..... farms.....	7 669	71	1 540	1 016	-	524	175	780
..... \$1,000.....	1 628 544	4 323	437 132	376 736	-	60 397	252 980	108 277
Average per farm..... dollars.....	212 354	60 892	283 852	370 603	-	115 261	1 445 599	138 817
Farms by value of sales.								
Less than \$1,000 (see text).....	1 458	5	36	1	-	35	1	218
\$1,000 to \$2,499.....	1 036	7	78	3	-	75	8	74
\$2,500 to \$4,999.....	820	7	70	4	-	66	5	74
\$5,000 to \$9,999.....	775	8	89	7	-	82	6	80
\$10,000 to \$19,999.....	587	4	81	27	-	54	13	75
\$20,000 to \$24,999.....	170	2	24	10	-	14	1	23
\$25,000 to \$39,999.....	392	6	81	36	-	45	10	53
\$40,000 to \$49,999.....	191	2	33	21	-	12	14	25
\$50,000 to \$99,999.....	533	17	163	121	-	42	16	70
\$100,000 to \$249,999.....	681	11	352	310	-	42	22	41
\$250,000 to \$499,999.....	471	2	313	286	-	27	15	17
\$500,000 to \$999,999.....	267	-	147	129	-	18	12	10
\$1,000,000 or more.....	288	-	73	61	-	12	52	20
Grains..... farms.....								
..... \$1,000.....	35 282	3 713	21 770	18 760	-	3 010	6 395	96
Sales of \$50,000 or more..... farms.....	164	26	95	74	-	21	28	-
..... \$1,000.....	27 853	3 143	16 124	13 530	-	2 594	6 066	-
Corn for grain..... farms.....								
..... \$1,000.....	3 412	1 980	692	(D)	-	(D)	235	(D)
Wheat..... farms.....	432	33	315	279	-	36	36	4
..... \$1,000.....	27 541	1 227	18 015	15 298	-	2 717	5 959	74
Soybeans..... farms.....	-	-	-	-	-	-	-	-
..... \$1,000.....	-	-	-	-	-	-	-	-
Sorghum for grain..... farms.....								
..... \$1,000.....	516	(D)	418	365	-	52	(D)	-
Barley..... farms.....	161	13	126	119	-	7	8	1
..... \$1,000.....	3 243	255	2 407	2 181	-	225	110	(D)
Oats..... farms.....	22	2	12	11	-	1	1	1
..... \$1,000.....	224	(D)	129	(D)	-	(D)	(D)	(D)
Other grains..... farms.....	14	4	8	8	-	-	2	-
..... \$1,000.....	347	(D)	110	110	-	-	(D)	-
Cotton and cottonseed..... farms.....								
..... \$1,000.....	361 558	233	332 898	325 406	-	7 491	14 809	241
Sales of \$50,000 or more..... farms.....	1 015	1	927	892	-	35	44	1
..... \$1,000.....	357 319	(D)	329 366	322 238	-	7 128	14 617	(D)
Tobacco..... farms.....								
..... \$1,000.....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more..... farms.....	-	-	-	-	-	-	-	-
..... \$1,000.....	-	-	-	-	-	-	-	-
Hay, silage, and field seeds..... farms.....								
..... \$1,000.....	74 244	161	58 904	20 275	-	38 628	7 698	540
Sales of \$50,000 or more..... farms.....	279	-	221	96	-	125	24	2
..... \$1,000.....	66 206	-	52 597	17 422	-	35 175	7 525	(D)
Vegetables, sweet corn, and melons..... farms.....								
..... \$1,000.....	240 925	111	7 589	5 459	-	2 131	221 407	380
Sales of \$50,000 or more..... farms.....	177	1	34	28	-	6	114	2
..... \$1,000.....	238 695	(D)	7 071	4 971	-	2 100	220 180	(D)
Fruits, nuts, and berries..... farms.....								
..... \$1,000.....	111 422	65	3 024	1 621	-	1 403	267	106 231
Sales of \$50,000 or more..... farms.....	173	1	8	7	-	1	2	156
..... \$1,000.....	105 190	(D)	2 530	(D)	-	(D)	(D)	100 928
Nursery and greenhouse crops..... farms.....								
..... \$1,000.....	61 053	-	815	(D)	-	(D)	771	41
Sales of \$50,000 or more..... farms.....	94	-	3	3	-	-	4	-
..... \$1,000.....	59 505	-	731	731	-	-	(D)	-
Other crops..... farms.....								
..... \$1,000.....	12 197	-	7 832	1 216	-	6 616	1 516	582
Sales of \$50,000 or more..... farms.....	26	-	20	4	-	16	2	1
..... \$1,000.....	11 685	-	7 498	1 133	-	6 365	(D)	(D)
Poultry and poultry products..... farms.....								
..... \$1,000.....	4 553	(D)	2	(D)	-	(D)	1	3
Sales of \$50,000 or more..... farms.....	6	-	-	-	-	-	-	-
..... \$1,000.....	4 389	-	-	-	-	-	-	-
Dairy products..... farms.....								
..... \$1,000.....	168 400	-	481	(D)	-	(D)	-	-
Sales of \$50,000 or more..... farms.....	131	-	2	1	-	1	-	-
..... \$1,000.....	168 108	-	(D)	(D)	-	(D)	-	-
Cattle and calves..... farms.....								
..... \$1,000.....	506 565	(D)	2 610	1 910	-	700	112	148
Sales of \$50,000 or more..... farms.....	635	-	11	9	-	2	-	-
..... \$1,000.....	482 080	-	1 550	(D)	-	(D)	-	-

See footnotes at end of table



Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
				Total	Beef cattle, except feedlots (0212)				
FARMS AND LAND IN FARMS									
Farms .....	number..	182	98	3 190	2 641	142	67	1 351	73
	percent..	2 4	1 3	41 6	34 4	1 9	9	17 6	1 0
Land in farms .....	acres..	40 090	85 313	32 576 424	25 710 193	29 742	2 420	155 987	1 080 778
Average size of farm .....	acres..	220	871	10 212	9 735	209	36	115	14 805
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text) .....	farms..	182	98	3 190	2 641	142	67	1 351	73
	\$1,000..	62 694	28 733	531 550	170 619	184 847	4 530	11 796	1 680
Average per farm .....	dollars..	344 474	293 197	166 630	64 604	1 301 742	67 606	8 732	23 014
Farms by value of sales									
Less than \$1,000 (see text) .....		1	44	448	328	1	34	612	58
\$1,000 to \$2,499 .....		13	1	556	418	1	17	279	2
\$2,500 to \$4,999 .....		17	3	468	388	1	7	166	2
\$5,000 to \$9,999 .....		19	2	428	380	-	-	135	8
\$10,000 to \$19,999 .....		18	6	302	273	4	2	80	2
\$20,000 to \$24,999 .....		7	-	91	89	1	-	21	-
\$25,000 to \$39,999 .....		15	3	202	187	5	-	17	-
\$40,000 to \$49,999 .....		6	2	97	94	-	1	11	-
\$50,000 to \$99,999 .....		9	6	235	218	4	-	13	-
\$100,000 to \$249,999 .....		26	11	199	168	9	2	8	-
\$250,000 to \$499,999 .....		20	9	68	52	20	2	5	-
\$500,000 to \$999,999 .....		14	5	45	27	31	1	2	-
\$1,000,000 or more .....		17	6	51	19	65	1	2	1
Grains .....									
	farms..	5	37	32	23	4	-	1	2
	\$1,000..	518	2 182	570	343	31	-	(D)	(D)
Sales of \$50,000 or more .....	farms..	1	10	4	3	-	-	-	-
	\$1,000..	(D)	1 738	(D)	(D)	-	-	-	-
Corn for grain .....									
	farms..	-	11	15	9	3	-	1	2
	\$1,000..	-	190	266	177	(D)	-	(D)	(D)
Wheat .....	farms..	2	27	14	10	1	-	-	-
	\$1,000..	(D)	1 929	252	114	(D)	-	-	-
Soybeans .....	farms..	-	-	-	-	-	-	-	-
	\$1,000..	-	-	-	-	-	-	-	-
Sorghum for grain .....									
	farms..	1	2	2	2	-	-	-	-
	\$1,000..	(D)	(D)	(D)	(D)	-	-	-	-
Barley .....	farms..	1	6	5	5	1	-	-	-
	\$1,000..	(D)	35	15	15	(D)	-	-	-
Oats .....	farms..	1	3	2	2	-	-	-	-
	\$1,000..	(D)	(D)	(D)	(D)	-	-	-	-
Other grains .....	farms..	-	-	-	-	-	-	-	-
	\$1,000..	-	-	-	-	-	-	-	-
Cotton and cottonseed .....									
	farms..	6	38	16	8	4	1	-	3
	\$1,000..	1 125	9 928	1 219	755	484	(D)	-	(D)
Sales of \$50,000 or more .....	farms..	4	27	7	3	3	-	-	1
	\$1,000..	(D)	9 683	1 147	715	(D)	-	-	(D)
Tobacco .....									
	farms..	-	-	-	-	-	-	-	-
	\$1,000..	-	-	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms..	-	-	-	-	-	-	-	-
	\$1,000..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds .....									
	farms..	9	38	114	85	12	3	9	4
	\$1,000..	1 403	2 794	2 011	534	703	3	13	13
Sales of \$50,000 or more .....	farms..	3	19	5	1	5	-	-	-
	\$1,000..	1 319	2 497	1 411	(D)	(D)	-	-	-
Vegetables, sweet corn, and melons .....									
	farms..	8	28	35	22	1	3	-	3
	\$1,000..	(D)	8 938	2 144	936	(D)	3	-	6
Sales of \$50,000 or more .....	farms..	2	16	8	3	-	-	-	-
	\$1,000..	(D)	8 827	1 991	857	-	-	-	-
Fruits, nuts, and berries .....									
	farms..	8	12	48	31	1	3	12	6
	\$1,000..	87	1 462	(D)	79	(D)	(D)	48	10
Sales of \$50,000 or more .....	farms..	1	4	1	-	-	-	-	-
	\$1,000..	(D)	1 400	(D)	-	-	-	-	-
Nursery and greenhouse crops .....									
	farms..	182	2	2	1	1	1	2	-
	\$1,000..	59 135	(D)	(D)	(D)	(D)	(D)	(D)	-
Sales of \$50,000 or more .....	farms..	86	1	-	-	-	-	-	-
	\$1,000..	57 821	(D)	-	-	-	-	-	-
Other crops .....									
	farms..	-	6	4	1	2	-	-	-
	\$1,000..	-	2 139	(D)	(D)	(D)	-	-	-
Sales of \$50,000 or more .....	farms..	-	2	1	-	-	-	-	-
	\$1,000..	-	(D)	(D)	-	-	-	-	-
Poultry and poultry products .....									
	farms..	5	5	110	63	4	65	42	7
	\$1,000..	3	5	31	(D)	(D)	4 496	8	3
Sales of \$50,000 or more .....	farms..	-	-	-	-	-	6	-	-
	\$1,000..	-	-	-	-	-	4 389	-	-
Dairy products .....									
	farms..	-	-	20	15	142	-	-	4
	\$1,000..	-	-	56	(D)	167 311	-	-	552
Sales of \$50,000 or more .....	farms..	-	-	-	-	128	-	-	1
	\$1,000..	-	-	-	-	167 078	-	-	(D)
Cattle and calves .....									
	farms..	5	25	2 827	2 529	140	2	89	11
	\$1,000..	73	997	486 021	164 321	16 278	(D)	205	88
Sales of \$50,000 or more .....	farms..	1	5	540	476	77	-	-	1
	\$1,000..	(D)	(D)	464 417	143 977	15 173	-	-	(D)

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con								
Total sales (see text)—Con								
Hogs and pigs ----- farms..	242	2	15	10	-	5	3	5
\$1,000..	26 953	(D)	348	344	-	4	4	2
Sales of \$50,000 or more ----- farms..	36	-	1	1	-	-	-	-
\$1,000..	26 355	-	(D)	(D)	-	-	-	-
Sheep, lambs, and wool ----- farms..	422	2	24	13	-	11	2	6
\$1,000..	9 245	(D)	585	560	-	25	(D)	2
Sales of \$50,000 or more ----- farms..	35	-	5	5	-	-	-	-
\$1,000..	8 700	-	530	530	-	-	-	-
Other livestock and livestock products (see text) ----- farms..	1 449	2	38	13	-	25	1	16
\$1,000..	16 148	(D)	274	(D)	-	34	(D)	11
Sales of \$50,000 or more ----- farms..	43	-	1	1	-	-	-	-
\$1,000..	10 652	-	(D)	(D)	-	-	-	-
FARM PRODUCTION EXPENSES <sup>1</sup>								
Total farm production expenses ----- farms..	7 673	54	1 569	1 041	-	528	190	797
\$1,000..	1 301 666	2 721	327 966	281 080	-	46 885	191 471	75 612
Average per farm ----- dollars..	169 642	50 386	209 028	270 010	-	88 798	1 007 744	94 871
Livestock and poultry purchased ----- farms..	2 343	1	124	48	-	76	22	34
\$1,000..	244 484	(D)	711	465	-	246	30	87
Farms with expenses of—								
\$1 to \$4,999 -----	1 471	-	99	33	-	66	21	28
\$5,000 to \$24,999 -----	503	1	18	10	-	8	1	6
\$25,000 to \$99,999 -----	227	-	7	5	-	2	-	-
\$100,000 or more -----	142	-	-	-	-	-	-	-
Feed for livestock and poultry ----- farms..	4 084	3	216	90	-	126	28	74
\$1,000..	208 527	7	934	628	-	306	25	81
Farms with expenses of—								
\$1 to \$4,999 -----	3 004	2	200	76	-	124	27	68
\$5,000 to \$24,999 -----	733	1	6	6	-	-	1	6
\$25,000 to \$99,999 -----	152	-	8	7	-	1	-	-
\$100,000 or more -----	195	-	2	1	-	1	-	-
Commercially mixed formula feeds ----- farms..	1 567	2	53	16	-	37	7	22
\$1,000..	60 742	(D)	210	101	-	109	1	9
Farms with expenses of—								
\$1 to \$4,999 -----	1 231	1	47	12	-	35	7	22
\$5,000 to \$24,999 -----	153	1	2	2	-	-	-	-
\$25,000 to \$79,999 -----	70	-	4	2	-	2	-	-
\$80,000 or more -----	113	-	-	-	-	-	-	-
Seeds, bulbs, plants, and trees ----- farms..	2 374	52	1 346	1 041	-	305	173	149
\$1,000..	17 741	200	7 474	5 996	-	1 478	5 679	378
Farms with expenses of—								
\$1 to \$999 -----	1 023	25	340	206	-	134	48	111
\$1,000 to \$4,999 -----	768	11	623	508	-	115	39	23
\$5,000 to \$24,999 -----	470	16	333	289	-	44	51	12
\$25,000 or more -----	113	-	50	38	-	12	35	3
Commercial fertilizer ----- farms..	3 075	41	1 418	1 041	-	377	190	589
\$1,000..	51 672	423	28 487	24 693	-	3 794	13 990	3 861
Farms with expenses of—								
\$1 to \$4,999 -----	1 753	18	468	200	-	268	72	482
\$5,000 to \$24,999 -----	906	17	676	607	-	69	57	79
\$25,000 to \$49,999 -----	196	5	141	123	-	18	16	12
\$50,000 or more -----	220	1	133	111	-	22	45	16
Agricultural chemicals ----- farms..	3 253	30	1 455	1 021	-	434	159	574
\$1,000..	60 366	194	36 125	32 443	-	3 681	13 865	6 521
Farms with expenses of—								
\$1 to \$4,999 -----	1 954	13	501	152	-	349	57	460
\$5,000 to \$24,999 -----	792	16	582	529	-	53	45	67
\$25,000 to \$49,999 -----	241	1	190	178	-	12	12	22
\$50,000 or more -----	266	-	182	162	-	20	45	25
Petroleum products ----- farms..	6 896	54	1 537	1 029	-	508	189	685
\$1,000..	44 554	418	19 221	16 616	-	2 605	6 347	2 997
Farms with expenses of—								
\$1 to \$4,999 -----	5 251	41	735	321	-	414	72	615
\$5,000 to \$24,999 -----	1 295	7	612	540	-	72	72	48
\$25,000 to \$49,999 -----	217	5	133	121	-	12	16	9
\$50,000 or more -----	133	1	57	47	-	10	29	13
Gasoline and gasohol ----- farms..	5 923	52	1 300	869	-	431	146	528
\$1,000..	16 532	65	4 912	4 071	-	841	2 058	1 201
Diesel fuel ----- farms..	3 603	43	1 284	956	-	328	151	372
\$1,000..	19 590	186	11 214	9 768	-	1 447	3 283	873
Natural gas ----- farms..	505	11	138	114	-	24	28	60
\$1,000..	3 600	145	1 075	1 034	-	41	415	654
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	4 805	44	1 393	976	-	417	154	379
\$1,000..	4 833	22	2 020	1 743	-	277	591	269

See footnotes at end of table

Table 53. **Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item			Livestock, except dairy, poultry, and animal specialties (021)					
			Total	Beef cattle, except feedlots (0212)				
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs	farms..	2	199	47	1	2	10	3
	\$1,000..	(D)	26 210	46	(D)	(D)	5	371
Sales of \$50,000 or more	farms..	-	34	-	-	-	-	1
	\$1,000..	-	(D)	-	-	-	-	(D)
Sheep, lambs, and wool	farms..	4	350	134	3	5	17	7
	\$1,000..	(D)	8 629	1 225	2	8	8	4
Sales of \$50,000 or more	farms..	-	30	7	-	-	-	-
	\$1,000..	-	8 170	1 120	-	-	-	-
Other livestock and livestock products (see text)	farms..	7	485	343	5	11	869	12
	\$1,000..	(D)	4 308	2 294	24	2	11 503	22
Sales of \$50,000 or more	farms..	-	12	6	-	-	30	-
	\$1,000..	-	(D)	1 521	-	-	7 225	-
FARM PRODUCTION EXPENSES <sup>1</sup>								
Total farm production expenses	farms..	156	3 174	2 603	134	101	1 297	67
	\$1,000..	42 537	467 156	147 556	144 130	4 689	18 031	2 247
Average per farm	dollars	272 671	147 182	56 687	1 075 595	46 421	13 902	25 825
Livestock and poultry purchased	farms..	28	1 506	1 192	99	77	408	18
	\$1,000..	69	227 160	57 312	11 756	(D)	2 673	479
Farms with expenses of—								
\$1 to \$4,999	27	15	899	670	9	71	285	17
\$5,000 to \$24,999	-	-	363	335	9	2	103	-
\$25,000 to \$99,999	1	10	147	124	43	2	17	-
\$100,000 or more	-	1	97	63	38	2	3	1
Feed for livestock and poultry	farms..	22	2 483	2 002	134	101	968	18
	\$1,000..	36	124 214	24 848	75 663	2 412	4 534	302
Farms with expenses of—								
\$1 to \$4,999	21	26	1 874	1 509	-	93	676	17
\$5,000 to \$24,999	1	9	428	389	10	2	269	-
\$25,000 to \$99,999	-	2	107	79	14	-	21	-
\$100,000 or more	-	-	74	25	110	6	2	1
Commercially mixed formula feeds	farms..	7	789	593	134	99	429	10
	\$1,000..	8	17 080	3 612	40 269	(D)	596	232
Farms with expenses of—								
\$1 to \$4,999	7	14	625	472	8	91	400	9
\$5,000 to \$24,999	-	1	113	99	6	2	28	-
\$25,000 to \$79,999	-	-	34	16	30	1	1	-
\$80,000 or more	-	-	17	6	90	5	-	1
Seeds, bulbs, plants, and trees	farms..	96	329	271	27	19	107	16
	\$1,000..	2 629	369	218	96	3	36	13
Farms with expenses of—								
\$1 to \$999	49	15	287	245	9	19	105	15
\$1,000 to \$4,999	6	28	23	14	13	-	2	-
\$5,000 to \$24,999	23	11	18	12	5	-	-	1
\$25,000 or more	18	6	1	-	-	-	-	-
Commercial fertilizer	farms..	113	446	338	29	20	136	10
	\$1,000..	1 503	1 222	743	171	5	56	46
Farms with expenses of—								
\$1 to \$4,999	75	51	406	316	17	20	135	9
\$5,000 to \$24,999	22	13	29	17	12	-	1	-
\$25,000 to \$49,999	6	11	4	1	-	-	-	1
\$50,000 or more	10	8	7	4	-	-	-	-
Agricultural chemicals	farms..	125	518	393	46	18	245	14
	\$1,000..	1 300	607	404	122	2	113	68
Farms with expenses of—								
\$1 to \$4,999	95	38	484	368	38	18	238	12
\$5,000 to \$24,999	14	19	33	25	8	-	7	1
\$25,000 to \$49,999	10	6	-	-	-	-	-	-
\$50,000 or more	6	6	1	-	-	-	-	1
Petroleum products	farms..	150	2 886	2 371	129	76	1 031	52
	\$1,000..	1 200	10 276	6 842	1 757	78	980	58
Farms with expenses of—								
\$1 to \$4,999	93	65	2 450	1 998	43	74	1 013	50
\$5,000 to \$24,999	44	32	390	350	68	2	18	2
\$25,000 to \$49,999	9	7	26	18	12	-	-	-
\$50,000 or more	4	3	20	5	6	-	-	-
Gasoline and gasohol	farms..	122	2 577	2 116	111	75	859	51
	\$1,000..	412	5 912	4 532	802	40	633	37
Diesel fuel	farms..	90	1 072	910	111	14	368	11
	\$1,000..	531	2 041	1 315	697	(D)	(D)	(D)
Natural gas	farms..	24	122	98	22	1	73	1
	\$1,000..	113	1 042	65	74	(D)	(D)	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms..	120	1 890	1 641	120	50	539	28
	\$1,000..	144	1 282	929	183	24	176	5

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
—Con.								
Total farm production expenses—Con.								
Electricity..... farms..	4 870	37	1 114	824	-	290	143	512
..... \$1,000..	38 289	53	18 114	15 754	-	2 360	3 094	5 270
Farms with expenses of—								
\$1 to \$999.....	2 812	9	353	178	-	174	52	310
\$1,000 to \$4,999.....	1 257	28	329	263	-	66	50	153
\$5,000 to \$24,999.....	543	-	297	267	-	30	26	29
\$25,000 or more.....	258	-	135	115	-	20	15	20
Hired farm labor..... farms..	3 582	16	1 220	947	-	273	146	344
..... \$1,000..	207 689	205	61 183	51 047	-	10 136	58 201	18 312
Farms with expenses of—								
\$1 to \$4,999.....	1 527	7	279	107	-	172	13	197
\$5,000 to \$24,999.....	976	8	394	357	-	37	52	89
\$25,000 to \$99,999.....	724	1	418	380	-	39	26	30
\$100,000 or more.....	355	-	128	103	-	25	55	28
Contract labor..... farms..	1 728	4	568	478	-	90	114	306
..... \$1,000..	40 353	10	8 123	7 111	-	1 012	18 094	6 483
Farms with expenses of—								
\$1 to \$999.....	419	1	76	48	-	28	15	68
\$1,000 to \$4,999.....	631	2	188	148	-	39	7	135
\$5,000 to \$24,999.....	487	1	241	228	-	13	35	65
\$25,000 or more.....	191	-	63	53	-	10	57	38
Repair and maintenance..... farms..	6 001	48	1 396	964	-	432	173	535
..... \$1,000..	53 723	202	23 302	19 677	-	3 625	7 103	3 415
Farms with expenses of—								
\$1 to \$4,999.....	4 497	39	689	343	-	346	67	450
\$5,000 to \$24,999.....	1 051	7	447	383	-	54	61	68
\$25,000 to \$49,999.....	234	2	145	128	-	16	14	5
\$50,000 or more.....	219	-	115	99	-	16	31	12
Customwork, machine hire, and rental of machinery and equipment..... farms..	2 488	37	1 041	734	-	307	111	292
..... \$1,000..	35 038	145	20 002	17 455	-	2 547	4 958	3 159
Farms with expenses of—								
\$1 to \$999.....	999	17	146	56	-	90	47	156
\$1,000 to \$4,999.....	518	8	201	82	-	119	13	48
\$5,000 to \$24,999.....	645	12	453	387	-	66	22	76
\$25,000 or more.....	325	-	241	209	-	32	29	12
Interest expense..... farms..	3 465	22	1 047	781	-	266	96	271
..... \$1,000..	74 553	247	23 725	20 456	-	3 269	11 111	7 826
Farms with expenses of—								
\$1 to \$4,999.....	1 834	11	395	251	-	144	22	109
\$5,000 to \$24,999.....	1 106	8	446	353	-	93	31	119
\$25,000 to \$99,999.....	393	3	169	145	-	24	28	32
\$100,000 or more.....	132	-	37	32	-	5	15	11
Secured by real estate..... farms..	2 295	17	513	353	-	160	64	240
..... \$1,000..	47 071	210	13 939	12 232	-	1 707	7 400	6 961
Farms with expenses of—								
\$1 to \$999.....	392	-	44	3	-	41	1	17
\$1,000 to \$4,999.....	863	7	131	69	-	62	5	79
\$5,000 to \$24,999.....	713	7	221	181	-	40	24	106
\$25,000 or more.....	327	3	117	100	-	17	34	38
Not secured by real estate..... farms..	1 761	11	706	564	-	142	54	72
..... \$1,000..	27 482	36	9 788	8 224	-	1 562	3 711	865
Farms with expenses of—								
\$1 to \$999.....	394	3	91	55	-	36	12	23
\$1,000 to \$4,999.....	645	5	243	197	-	46	14	25
\$5,000 to \$24,999.....	509	3	286	238	-	48	14	16
\$25,000 or more.....	213	-	86	74	-	12	14	8
Cash rent..... farms..	1 780	16	905	707	-	198	78	69
..... \$1,000..	46 666	(D)	24 374	21 307	-	3 067	11 571	1 221
Farms with expenses of—								
\$1 to \$4,999.....	871	8	289	211	-	78	15	57
\$5,000 to \$9,999.....	278	5	183	125	-	58	13	1
\$10,000 to \$24,999.....	259	1	177	151	-	26	9	5
\$25,000 or more.....	372	2	256	220	-	36	41	6
Property taxes..... farms..	6 788	48	1 081	652	-	429	161	759
..... \$1,000..	21 154	181	7 216	6 102	-	1 114	1 862	2 415
Farms with expenses of—								
\$1 to \$4,999.....	5 983	42	728	351	-	377	126	701
\$5,000 to \$9,999.....	384	-	162	136	-	26	10	22
\$10,000 to \$24,999.....	281	6	135	116	-	19	11	22
\$25,000 or more.....	140	-	56	49	-	7	14	14
All other farm production expenses..... farms..	7 078	54	1 539	1 041	-	498	182	693
..... \$1,000..	156 858	245	48 976	41 330	-	7 646	35 543	13 587
Farms with expenses of—								
\$1 to \$4,999.....	5 045	37	606	228	-	378	69	583
\$5,000 to \$24,999.....	1 149	16	470	402	-	68	42	78
\$25,000 to \$49,999.....	370	-	225	209	-	16	14	8
\$50,000 or more.....	514	1	238	202	-	36	57	24

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b> —Con.								
Total farm production expenses—Con.								
Electricity..... farms.....	118	51	1 828	1 493	133	85	816	33
..... \$1,000.....	929	1 831	4 462	1 973	3 856	104	521	56
Farms with expenses of—								
\$1 to \$999.....	48	29	1 276	1 033	—	78	625	32
\$1,000 to \$4,999.....	34	10	440	395	24	2	187	—
\$5,000 to \$24,999.....	30	9	86	56	58	4	4	—
\$25,000 or more.....	6	3	26	9	51	1	—	1
Hired farm labor..... farms.....	125	55	1 204	1 050	121	29	318	4
..... \$1,000.....	14 945	3 536	30 857	15 368	17 614	713	1 594	529
Farms with expenses of—								
\$1 to \$4,999.....	30	8	722	651	—	23	245	3
\$5,000 to \$24,999.....	32	25	281	256	27	2	66	—
\$25,000 to \$99,999.....	31	16	150	118	43	3	5	—
\$100,000 or more.....	32	6	51	25	51	1	2	1
Contract labor..... farms.....	72	32	415	346	36	11	161	9
..... \$1,000.....	3 033	1 769	1 607	1 073	873	4	354	2
Farms with expenses of—								
\$1 to \$999.....	18	13	142	102	1	10	66	9
\$1,000 to \$4,999.....	26	3	183	173	10	1	76	—
\$5,000 to \$24,999.....	17	10	83	70	17	—	18	—
\$25,000 or more.....	11	6	7	1	8	—	1	—
Repair and maintenance..... farms.....	155	101	2 420	2 052	127	61	936	49
..... \$1,000.....	2 923	1 296	9 312	5 788	4 352	95	1 584	141
Farms with expenses of—								
\$1 to \$4,999.....	97	55	2 093	1 784	20	57	882	48
\$5,000 to \$24,999.....	40	38	279	240	55	3	53	—
\$25,000 to \$49,999.....	8	2	30	22	27	1	—	—
\$50,000 or more.....	10	6	18	6	25	—	1	1
Customwork, machine hire, and rental of machinery and equipment..... farms.....	56	57	611	503	54	10	208	11
..... \$1,000.....	578	3 525	1 319	723	999	5	143	206
Farms with expenses of—								
\$1 to \$999.....	24	14	379	311	6	9	191	10
\$1,000 to \$4,999.....	14	16	186	165	17	1	15	—
\$5,000 to \$24,999.....	8	16	40	25	18	—	—	—
\$25,000 or more.....	10	11	6	2	13	—	2	1
Interest expense..... farms.....	92	59	1 304	1 064	104	20	416	34
..... \$1,000.....	2 718	1 236	16 409	10 058	9 588	133	1 406	154
Farms with expenses of—								
\$1 to \$4,999.....	48	29	821	682	6	17	344	32
\$5,000 to \$24,999.....	27	19	357	291	28	1	69	1
\$25,000 to \$99,999.....	12	8	95	76	41	2	2	1
\$100,000 or more.....	5	3	31	15	29	—	1	—
Secured by real estate..... farms.....	49	34	932	756	69	18	327	32
..... \$1,000.....	1 969	1 006	10 490	6 258	3 848	79	1 020	148
Farms with expenses of—								
\$1 to \$999.....	1	—	224	152	2	2	97	4
\$1,000 to \$4,999.....	17	7	367	329	6	15	203	26
\$5,000 to \$24,999.....	23	17	269	227	21	—	24	1
\$25,000 or more.....	8	10	72	48	40	1	3	1
Not secured by real estate..... farms.....	58	30	581	464	78	3	164	4
..... \$1,000.....	749	230	5 919	3 800	5 740	54	386	6
Farms with expenses of—								
\$1 to \$999.....	16	9	170	126	3	—	66	1
\$1,000 to \$4,999.....	26	15	242	214	3	—	69	3
\$5,000 to \$24,999.....	8	5	118	89	29	2	28	—
\$25,000 or more.....	8	1	51	35	43	1	1	—
Cash rent..... farms.....	39	33	498	464	41	1	84	16
..... \$1,000.....	1 654	1 318	4 975	3 272	1 250	(D)	97	16
Farms with expenses of—								
\$1 to \$4,999.....	18	7	370	352	8	—	83	16
\$5,000 to \$9,999.....	4	9	53	51	9	1	—	—
\$10,000 to \$24,999.....	8	7	41	36	10	—	1	—
\$25,000 or more.....	9	10	34	25	14	—	—	—
Property taxes..... farms.....	138	105	2 967	2 438	127	96	1 228	78
..... \$1,000.....	476	602	5 483	4 368	1 267	82	1 514	57
Farms with expenses of—								
\$1 to \$4,999.....	120	75	2 765	2 270	47	94	1 208	77
\$5,000 to \$9,999.....	9	18	117	105	33	1	11	1
\$10,000 to \$24,999.....	3	7	62	48	33	1	1	—
\$25,000 or more.....	6	5	23	15	14	—	8	—
All other farm production expenses..... farms.....	156	107	2 876	2 397	134	83	1 176	78
..... \$1,000.....	8 546	3 521	28 885	14 565	14 765	243	2 428	120
Farms with expenses of—								
\$1 to \$4,999.....	75	58	2 306	1 913	13	76	1 145	77
\$5,000 to \$24,999.....	36	34	416	377	36	4	17	—
\$25,000 to \$49,999.....	14	5	77	61	16	1	10	—
\$50,000 or more.....	31	10	77	46	69	2	4	1

See footnotes at end of table

Table 53. **Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n e c. (0133, 0134, 0139)		
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT <sup>1</sup>								
All farms.....	number... 7 673	54	1 569	1 041	-	528	190	797
	\$1,000... 306 975	483	94 852	82 890	-	11 962	61 322	32 903
	Average per farm.....	dollars... 40 007	8 953	60 454	79 626	22 655	322 745	41 284
Farms with net gains <sup>2</sup> .....	number... 3 558	38	1 120	826	-	294	144	330
	Average net gain.....	dollars... 97 044	17 265	92 112	108 075	47 264	431 973	110 531
Gain of—								
Less than \$1,000.....	512	13	32	5	-	27	7	45
\$1,000 to \$9,999.....	1 110	10	228	111	-	117	32	112
\$10,000 to \$49,999.....	896	13	371	272	-	99	19	103
\$50,000 or more.....	1 040	2	489	438	-	51	86	70
Farms with net losses.....	number... 4 115	16	449	215	-	234	46	467
	Average net loss.....	dollars... 9 309	10 788	18 517	29 674	8 266	19 186	7 649
Loss of—								
Less than \$1,000.....	626	1	47	2	-	45	7	76
\$1,000 to \$9,999.....	2 568	9	198	54	-	144	32	299
\$10,000 to \$49,999.....	820	6	165	126	-	39	2	80
\$50,000 or more.....	101	-	39	33	-	6	5	12
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments.....	farms... 1 194	37	928	878	-	50	49	20
	\$1,000... 58 034	1 019	52 396	50 812	-	1 584	2 015	88
Other farm-related income <sup>1</sup> .....	farms... 942	8	277	175	-	102	47	116
	\$1,000... 10 889	147	5 963	4 930	-	1 033	575	915
Customwork and other agricultural services.....	farms... 425	7	181	110	-	71	27	61
	\$1,000... 3 631	(D)	2 336	1 783	-	553	152	550
Gross cash rent or share payments.....	farms... 326	1	76	49	-	27	20	34
	\$1,000... 5 273	(D)	2 602	2 140	-	462	418	189
Forest products and Christmas trees.....	farms... 29	-	8	2	-	6	1	3
	\$1,000... 682	-	506	(D)	-	(D)	(D)	117
Other farm-related income sources.....	farms... 215	1	43	41	-	2	2	19
	\$1,000... 1 303	(D)	519	(D)	-	(D)	(D)	59
COMMODITY CREDIT CORPORATION LOANS								
Total.....	farms... 242	15	158	151	-	7	13	-
	\$1,000... 13 464	754	10 557	10 398	-	159	1 004	-
Corn.....	farms... 20	11	3	3	-	-	3	-
	\$1,000... 1 060	675	(D)	(D)	-	-	(D)	-
Wheat.....	farms... 31	3	25	24	-	1	2	-
	\$1,000... 939	(D)	495	(D)	-	(D)	(D)	-
Soybeans.....	farms... -	-	-	-	-	-	-	-
	\$1,000... -	-	-	-	-	-	-	-
Sorghum, barley, and oats.....	farms... 5	-	5	5	-	-	-	-
	\$1,000... 21	-	21	21	-	-	-	-
Cotton.....	farms... 171	1	152	146	-	6	10	-
	\$1,000... 10 465	(D)	9 749	(D)	-	(D)	522	-
Peanuts, rye, rice, tobacco, and honey.....	farms... 46	-	1	-	-	1	-	-
	\$1,000... 978	-	(D)	-	-	(D)	-	-
LAND IN FARMS ACCORDING TO USE								
Total cropland.....	farms... 4 840	71	1 540	1 016	-	524	175	780
	acres... 1 453 852	20 423	890 695	754 924	-	135 771	153 044	86 188
Harvested cropland.....	farms... 3 646	71	1 540	1 016	-	524	175	780
	acres... 865 817	13 714	571 349	458 120	-	113 229	127 108	68 655
Farms by acres harvested								
1 to 49 acres.....	1 924	27	353	68	-	285	59	628
50 to 99 acres.....	330	1	189	107	-	82	15	50
100 to 199 acres.....	383	14	236	191	-	45	24	52
200 to 499 acres.....	564	24	443	388	-	55	22	23
500 to 999 acres.....	267	4	207	174	-	33	21	11
1,000 to 1,999 acres.....	121	1	82	66	-	16	19	9
2,000 acres or more.....	57	-	30	22	-	8	15	7
Cropland								
Pasture or grazing only.....	farms... 1 551	6	153	69	-	84	17	52
	acres... 139 721	1 047	14 373	7 018	-	7 355	1 237	2 107
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured.....	farms... 201	2	98	82	-	16	12	16
	acres... 23 694	(D)	14 746	14 005	-	741	2 767	862
On which all crops failed.....	farms... 164	4	38	21	-	17	9	9
	acres... 5 445	(D)	2 540	1 765	-	775	319	602
In cultivated summer fallow.....	farms... 298	5	217	204	-	13	12	8
	acres... 85 416	1 400	68 350	67 634	-	716	2 888	693
Idle.....	farms... 1 443	30	806	696	-	110	64	101
	acres... 333 759	4 210	219 337	206 382	-	12 955	18 725	13 269
Total woodland.....	farms... 280	4	24	15	-	9	3	15
	acres... 4 106 447	(D)	7 545	3 159	-	4 386	348	398
Woodland pastured.....	farms... 190	1	12	9	-	3	3	4
	acres... 3 848 812	(D)	5 432	1 302	-	4 130	(D)	137
Woodland not pastured.....	farms... 109	3	14	8	-	6	1	11
	acres... 257 635	7	2 113	1 857	-	256	(D)	261

See footnotes at end of table

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT¹								
All farms.....	number.. 156	114	3 174	2 603	134	101	1 297	87
\$1,000.....	19 911	5 628	57 238	18 786	40 292	-106	-4 947	-600
Average per farm.....	dollars.. 127 635	49 368	18 033	7 217	300 683	-1 051	-3 814	-6 897
Farms with net gains².....	number.. 124	50	1 368	1 140	126	4	245	9
Average net gain.....	dollars.. 162 509	134 932	51 748	26 073	323 451	53 021	16 722	2 967
Gain of—								
Less than \$1,000.....	1	-	310	244	1	-	103	-
\$1,000 to \$9,999.....	17	10	577	495	8	1	106	9
\$10,000 to \$49,999.....	49	10	303	275	7	2	19	-
\$50,000 or more.....	57	30	178	126	110	1	17	-
Farms with net losses.....	number.. 32	64	1 806	1 463	8	97	1 052	78
Average net loss.....	dollars.. 7 501	17 479	7 505	7 476	57 913	3 280	8 597	8 036
Loss of—								
Less than \$1,000.....	-	8	353	257	-	21	93	20
\$1,000 to \$9,999.....	24	32	1 139	934	2	74	705	54
\$10,000 to \$49,999.....	8	22	286	252	3	2	244	2
\$50,000 or more.....	-	2	28	20	3	-	10	2
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments.....	farms.. 6	33	103	78	6	-	11	1
\$1,000.....	230	1 031	1 119	581	104	-	(D)	(D)
Other farm-related income¹.....	farms.. 13	5	265	212	27	11	170	3
\$1,000.....	675	69	1 433	1 070	485	34	588	5
Customwork and other agricultural services.....	farms.. 10	4	85	75	1	1	46	2
\$1,000.....	52	(D)	255	217	(D)	(D)	(D)	(D)
Gross cash rent or share payments.....	farms.. 3	-	128	102	8	10	45	1
\$1,000.....	622	-	919	662	(D)	(D)	198	(D)
Forest products and Christmas trees.....	farms.. -	-	11	10	-	-	6	-
\$1,000.....	-	-	48	(D)	-	-	(D)	-
Other farm-related income sources.....	farms.. 7	1	46	27	19	1	76	-
\$1,000.....	(Z)	(D)	211	(D)	255	(D)	244	-
COMMODITY CREDIT CORPORATION LOANS								
Total.....	farms.. 1	4	5	-	1	-	45	-
\$1,000.....	(D)	116	(D)	-	(D)	-	(D)	-
Corn.....	farms.. -	1	2	-	-	-	-	-
\$1,000.....	-	(D)	(D)	-	-	-	-	-
Wheat.....	farms.. -	1	-	-	-	-	-	-
\$1,000.....	-	(D)	-	-	-	-	-	-
Soybeans.....	farms.. -	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Sorghum, barley, and oats.....	farms.. -	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Cotton.....	farms.. 1	3	3	-	1	-	-	-
\$1,000.....	(D)	(D)	61	-	(D)	-	-	-
Peanuts, rye, rice, tobacco, and honey.....	farms.. -	-	-	-	-	-	45	-
\$1,000.....	-	-	-	-	-	-	(D)	-
LAND IN FARMS ACCORDING TO USE								
Total cropland.....	farms.. 182	98	1 414	1 145	72	34	438	36
acres.. 12 851	45 473	213 130	181 305	10 736	938	16 441	3 933	
Harvested cropland.....	farms.. 182	70	625	489	48	20	109	26
acres.. 9 753	30 840	35 177	24 409	6 575	195	1 533	918	
Farms by acres harvested								
1 to 49 acres.....	162	25	503	394	19	19	104	25
50 to 99 acres.....	2	8	56	51	8	-	1	-
100 to 199 acres.....	6	9	28	20	11	1	2	-
200 to 499 acres.....	7	16	20	14	7	-	2	-
500 to 999 acres.....	4	5	11	6	3	-	-	1
1,000 to 1,999 acres.....	-	4	6	3	-	-	-	-
2,000 acres or more.....	1	3	1	1	-	-	-	-
Cropland								
Pasture or grazing only.....	farms.. 6	17	935	780	24	14	309	18
acres.. 70	2 285	104 949	96 788	1 206	539	9 960	1 948	
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....	farms.. 3	8	40	36	2	3	17	-
acres.. 41	307	4 617	4 388	(D)	6	277	-	-
On which all crops failed.....	farms.. 2	31	51	29	3	4	11	2
acres.. (D)	673	1 096	360	61	15	(D)	(D)	(D)
In cultivated summer fallow.....	farms.. 1	8	42	36	1	-	2	2
acres.. (D)	3 458	6 250	5 812	(D)	-	(D)	(D)	(D)
Idle.....	farms.. 38	49	247	187	16	7	75	10
acres.. 2 982	7 910	61 041	49 548	1 854	183	3 805	443	
Total woodland.....	farms.. 7	8	169	144	-	3	45	2
acres.. 2 345	269	4 092 939	2 785 880	-	88	2 280	(D)	(D)
Woodland pastured.....	farms.. 2	4	135	117	-	3	24	2
acres.. (D)	95	3 839 724	2 532 888	-	88	775	(D)	(D)
Woodland not pastured.....	farms.. 5	4	49	38	-	-	22	-
acres.. (D)	174	253 215	252 992	-	-	1 505	-	-

See footnotes at end of table

**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured ----- farms..	2 399	10	165	108	-	57	21	59
acres..	29 840 297	9 335	906 560	586 220	-	320 340	29 652	88 401
Land in house lots, ponds, roads, wasteland, etc. ----- farms..	4 203	30	731	493	-	238	78	289
acres..	887 198	(D)	90 076	48 788	-	41 288	6 020	26 595
Cropland under federal acreage reduction programs								
Annual commodity acreage adjustment programs ----- farms..	1 045	36	897	857	-	40	45	5
acres..	119 003	3 368	104 395	101 730	-	2 665	5 733	(D)
Conservation reserve program ----- farms..	73	-	57	53	-	4	6	-
acres..	13 988	-	10 001	9 760	-	241	(D)	-
Value of land and buildings <sup>1</sup> ----- farms..	7 673	54	1 569	1 041	-	528	190	797
\$1,000 -----	10 111 212	63 159	2 369 879	1 802 411	-	567 468	430 380	464 244
Average per farm ----- dollars..	1 317 765	1 169 611	1 510 439	1 731 423	-	1 074 750	2 265 158	582 489
Average per acre ----- dollars..	279	2 006	1 269	1 302	-	1 174	2 242	2 240
Farms by value group:								
\$1 to \$39,999 -----	1 356	-	42	9	-	33	3	135
\$40,000 to \$69,999 -----	618	14	74	15	-	59	5	88
\$70,000 to \$99,999 -----	562	-	61	11	-	50	7	80
\$100,000 to \$149,999 -----	790	1	116	25	-	91	29	88
\$150,000 to \$199,999 -----	564	-	66	16	-	50	8	77
\$200,000 to \$499,999 -----	1 597	20	332	207	-	125	51	188
\$500,000 to \$999,999 -----	817	6	323	285	-	38	26	76
\$1,000,000 to \$1,999,999 -----	577	8	268	239	-	29	16	20
\$2,000,000 to \$4,999,999 -----	522	2	218	182	-	36	21	30
\$5,000,000 or more -----	270	3	69	52	-	17	24	15
VALUE OF MACHINERY AND EQUIPMENT <sup>1</sup>								
Estimated market value of all machinery and equipment ----- farms..	7 635	54	1 560	1 033	-	527	190	784
\$1,000 -----	425 285	3 508	181 956	151 421	-	30 535	41 013	30 786
Farms by value group:								
\$1 to \$4,999 -----	858	-	50	16	-	34	11	51
\$5,000 to \$9,999 -----	1 920	12	74	3	-	71	8	248
\$10,000 to \$19,999 -----	1 479	1	207	60	-	147	29	155
\$20,000 to \$49,999 -----	1 591	19	360	228	-	132	51	206
\$50,000 to \$99,999 -----	836	12	335	263	-	72	24	73
\$100,000 to \$199,999 -----	529	5	287	254	-	33	28	32
\$200,000 to \$499,999 -----	310	5	195	169	-	26	27	13
\$500,000 or more -----	112	-	52	40	-	12	12	6
SELECTED MACHINERY AND EQUIPMENT <sup>1</sup>								
Motortrucks, including pickups ----- farms..	6 890	41	1 470	1 002	-	468	170	638
number..	16 570	124	4 161	3 162	-	999	777	1 334
Wheel tractors ----- farms..	5 398	51	1 442	989	-	453	176	661
number..	13 364	149	5 325	4 102	-	1 223	884	1 372
Less than 40 horsepower (PTO) ----- farms..	3 014	16	542	267	-	275	74	393
number..	4 492	30	940	530	-	410	180	528
40 horsepower (PTO) or more ----- farms..	3 426	50	1 271	957	-	314	155	411
number..	8 872	119	4 385	3 572	-	813	704	844
Grain and bean combines ----- farms..	332	22	161	138	-	23	42	18
number..	382	23	185	151	-	34	59	18
Cottonpickers and strippers ----- farms..	772	5	699	668	-	31	26	1
number..	1 609	10	1 474	1 410	-	64	52	(D)
Mower conditioners ----- farms..	834	4	307	121	-	186	31	70
number..	1 032	6	416	173	-	243	47	74
Pickup balers ----- farms..	827	5	358	147	-	211	51	33
number..	1 138	7	543	245	-	298	62	33
AGRICULTURAL CHEMICALS <sup>1</sup>								
Commercial fertilizer ----- farms..	3 074	41	1 418	1 041	-	377	190	589
acres on which used..	814 565	8 476	537 652	447 502	-	90 150	132 137	58 342
Lime ----- farms..	-	-	-	-	-	-	-	-
acres on which used..	-	-	-	-	-	-	-	-
tons..	-	-	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms..	2 228	20	1 315	969	-	346	130	427
acres on which used..	677 844	5 681	465 804	382 383	-	83 421	111 617	49 359
Nematodes in crops ----- farms..	202	3	115	81	-	34	18	37
acres on which used..	32 365	531	25 368	21 455	-	3 913	2 777	2 188
Diseases in crops and orchards ----- farms..	333	1	78	56	-	22	29	144
acres on which used..	61 965	(D)	17 540	13 823	-	3 717	18 350	23 000
Weeds, grass, or brush in crops and pasture ----- farms..	1 770	20	926	727	-	199	102	264
acres on which used..	538 181	6 524	358 415	289 406	-	69 009	95 217	21 896
Chemicals for defoliation or for growth control of crops or thinning of fruit ----- farms..	1 120	1	898	841	-	57	51	100
acres on which used..	311 847	(D)	272 377	264 251	-	8 126	25 596	5 714

See footnotes at end of table.



Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (019)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured .....	farms.. 11	21	1 661	1 499	30	19	358	44
acres.. 23 693	21 338	27 575 898	22 338 543	13 694	760	113 387	1 057 579	
Land in house lots, ponds, roads, wasteland, etc. ....	farms.. 87	46	1 727	1 354	116	47	1 022	30
acres.. 1 201	18 233	694 457	404 465	5 312	834	23 879	(D)	
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs .....	farms.. 5	31	21	12	4	-	-	1
acres.. 362	3 428	1 412	964	178	-	-	-	(D)
Conservation reserve program .....	farms.. -	-	8	6	-	-	2	-
acres.. -	-	2 171	(D)	-	-	-	(D)	-
Value of land and buildings <sup>1</sup> .....	farms.. 156	114	3 174	2 603	134	101	1 297	87
\$1,000.. 102 443	194 712	5 857 918	4 434 192	112 471	14 840	364 822	136 344	
Average per farm .....	656 688	1 708 000	1 845 595	1 703 493	839 336	146 931	281 281	1 567 172
Average per acre .....	2 654	1 965	180	173	4 005	6 709	2 479	126
Farms by value group								
\$1 to \$39,999 .....	3	-	712	531	4	28	397	32
\$40,000 to \$69,999 .....	17	26	253	167	4	3	129	5
\$70,000 to \$99,999 .....	7	-	201	156	17	27	154	8
\$100,000 to \$149,999 .....	30	2	296	196	15	16	196	1
\$150,000 to \$199,999 .....	35	28	208	179	10	7	124	1
\$200,000 to \$499,999 .....	30	20	659	578	34	17	226	20
\$500,000 to \$999,999 .....	10	16	296	288	24	2	35	3
\$1,000,000 to \$1,999,999 .....	12	10	209	190	11	-	14	9
\$2,000,000 to \$4,999,999 .....	8	7	208	198	11	1	13	3
\$5,000,000 or more .....	4	5	132	120	4	-	9	5
VALUE OF MACHINERY AND EQUIPMENT <sup>1</sup>								
Estimated market value of all machinery and equipment .....	farms.. 156	114	3 169	2 603	134	101	1 286	87
\$1,000.. 11 617	9 932	93 662	62 009	28 145	1 631	21 537	1 500	
Farms by value group.								
\$1 to \$4,999 .....	20	1	454	337	-	25	225	21
\$5,000 to \$9,999 .....	19	31	896	700	2	42	535	53
\$10,000 to \$19,999 .....	23	15	793	696	4	20	231	1
\$20,000 to \$49,999 .....	35	18	647	568	28	10	206	11
\$50,000 to \$99,999 .....	25	19	262	226	24	2	60	-
\$100,000 to \$199,999 .....	22	20	66	46	48	1	20	-
\$200,000 to \$499,999 .....	7	5	34	27	15	-	9	-
\$500,000 or more .....	5	5	17	3	13	1	-	1
SELECTED MACHINERY AND EQUIPMENT <sup>1</sup>								
Motortrucks, including pickups .....	farms.. 144	106	2 906	2 416	132	83	1 137	63
number.. 482	305	6 879	5 356	484	156	1 761	107	
Wheel tractors .....	farms.. 129	113	1 894	1 556	129	55	700	48
number.. 441	397	3 269	2 647	426	87	954	60	
Less than 40 horsepower (PTO) .....	farms.. 97	60	1 192	978	65	38	501	36
number.. 175	122	1 720	1 377	125	48	584	40	
40 horsepower (PTO) or more .....	farms.. 64	76	969	804	117	30	268	15
number.. 266	275	1 549	1 270	301	39	370	20	
Grain and bean combines .....	farms.. 3	12	70	61	1	1	1	1
number.. 5	17	71	62	(D)	(D)	(D)	(D)	(D)
Cottonpickers and strippers .....	farms.. 3	31	6	3	1	-	-	-
number.. (D)	50	8	4	(D)	-	-	-	-
Mower conditioners .....	farms.. 7	29	325	295	16	3	40	2
number.. 14	34	373	341	20	(D)	43	(D)	(D)
Pickup balers .....	farms.. 3	25	305	272	12	2	31	2
number.. 5	37	386	340	15	(D)	46	(D)	(D)
AGRICULTURAL CHEMICALS <sup>1</sup>								
Commercial fertilizer .....	farms.. 113	83	446	338	29	20	135	10
acres on which used.. 9 442	30 788	29 424	21 008	3 586	198	3 714	806	
Lime .....	farms.. -	-	-	-	-	-	-	-
acres on which used.. -	-	-	-	-	-	-	-	-
tons.. -	-	-	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops .....	farms.. 114	50	105	60	24	1	38	4
acres on which used.. 7 834	23 760	9 305	3 984	3 630	(D)	(D)	598	
Nematodes in crops .....	farms.. 16	2	7	7	4	-	-	-
acres on which used.. 183	(D)	(D)	(D)	897	-	-	-	-
Diseases in crops and orchards .....	farms.. 43	8	25	14	1	1	3	-
acres on which used.. 1 454	1 367	32	14	(D)	(D)	15	-	-
Weeds, grass, or brush in crops and pasture .....	farms.. 92	53	204	159	16	9	82	2
acres on which used.. 7 186	21 351	24 229	20 844	859	(D)	1 894	(D)	(D)
Chemicals for defoliation or for growth control of crops or thinning of fruit .....								
farms.. 12	24	31	19	2	-	-	-	1
acres on which used.. 793	5 410	1 186	954	(D)	-	-	(D)	(D)

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n e c. (0133, 0134, 0139)		
TENURE AND RACE OF OPERATOR								
All operators .....	7 669	71	1 540	1 016	-	524	175	780
Full owners .....	5 044	32	565	270	-	295	73	681
Part owners .....	1 530	20	407	290	-	117	49	62
Tenants .....	1 095	19	568	456	-	112	53	37
White .....	7 071	68	1 458	966	-	492	155	762
Full owners .....	4 599	30	531	252	-	279	66	665
Part owners .....	1 472	19	391	280	-	111	44	60
Tenants .....	1 000	19	536	434	-	102	45	37
Black and other races .....	598	3	82	50	-	32	20	18
Full owners .....	445	2	34	18	-	16	7	16
Part owners .....	58	1	16	10	-	6	5	2
Tenants .....	95	-	32	22	-	10	8	-
OWNED AND RENTED LAND								
Land owned .....	6 597	53	984	568	-	416	123	746
acres..	27 710 007	24 596	1 301 193	876 053	-	425 140	67 416	127 162
Owned land in farms .....	6 574	52	972	560	-	412	122	743
acres..	26 464 825	19 221	1 182 765	854 639	-	328 126	61 256	115 930
Land rented or leased from others .....	2 656	41	980	750	-	230	102	99
acres..	10 152 440	16 187	743 287	566 330	-	176 957	131 394	88 145
Rented or leased land in farms .....	2 625	39	975	746	-	229	102	99
acres..	9 822 969	12 297	712 111	538 452	-	173 659	127 806	85 652
Land rented or leased to others .....	504	10	149	102	-	47	18	44
farms..	1 574 653	9 265	149 604	49 292	-	100 312	9 746	13 725
acres..								
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated .....	4 679	37	718	414	-	304	70	307
Not on farm operated .....	2 469	31	717	525	-	192	81	433
Not reported .....	521	3	105	77	-	28	24	40
Operators by principal occupation:								
Farming .....	3 782	45	1 149	871	-	278	132	266
Other .....	3 887	26	391	145	-	246	43	514
Operators by days of work off farm:								
None .....	2 830	27	821	618	-	203	95	212
Any .....	4 423	36	614	322	-	292	65	529
1 to 99 days .....	691	9	138	94	-	44	14	78
100 to 199 days .....	735	14	106	59	-	47	14	58
200 days or more .....	2 997	13	370	169	-	201	37	393
Not reported .....	416	8	105	76	-	29	15	39
Operators by years on present farm:								
2 years or less .....	725	10	232	192	-	40	27	52
3 or 4 years .....	803	6	154	114	-	40	14	80
5 to 9 years .....	1 628	9	289	141	-	148	30	197
10 years or more .....	3 165	34	627	396	-	231	66	331
Average years on present farm .....	13.4	12.4	13.3	13.3	-	13.2	13.7	12.1
Not reported .....	1 348	12	238	173	-	65	38	120
Operators by age group:								
Under 25 years .....	86	3	34	28	-	6	1	5
25 to 34 years .....	691	11	229	174	-	55	14	32
35 to 44 years .....	1 768	13	334	220	-	114	37	151
45 to 49 years .....	968	7	154	95	-	59	22	85
50 to 54 years .....	952	11	202	126	-	76	16	120
55 to 59 years .....	968	5	199	132	-	67	27	105
60 to 64 years .....	874	9	167	105	-	62	27	110
65 to 69 years .....	623	8	127	85	-	42	8	83
70 years and over .....	739	4	94	51	-	43	23	89
Average age .....	51.5	49.2	49.3	48.3	-	51.2	53.0	54.3
Operators by sex								
Male .....	6 806	66	1 460	960	-	500	168	704
Female .....	863	5	80	56	-	24	7	76
Operators of Spanish origin (see text) .....	363	4	84	45	-	39	13	24
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) .....	5 356	51	851	476	-	375	83	537
acres..	6 170 484	17 136	339 020	251 954	-	87 066	40 814	37 932
Partnership .....	1 369	12	476	386	-	90	30	173
acres..	4 574 856	(D)	430 520	389 285	-	41 235	23 949	25 122
Corporation:								
Family held .....	609	7	155	115	-	40	43	35
acres..	2 836 580	4 499	202 269	166 570	-	35 699	93 210	18 394
More than 10 stockholders .....	17	1	6	4	-	2	-	1
10 or less stockholders .....	592	6	149	111	-	38	43	34
Other than family held .....	115	-	33	25	-	8	12	14
acres..	1 117 865	-	85 330	70 207	-	15 123	10 285	34 549
More than 10 stockholders .....	25	-	5	3	-	2	-	6
10 or less stockholders .....	90	-	28	22	-	6	12	8
Other—cooperative, estate or trust, institutional, etc .....	220	1	25	14	-	11	7	21
farms..	21 588 009	(D)	837 737	515 075	-	322 662	20 806	85 565
acres..								

See footnotes at end of table

Table 53. **Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item			Livestock, except dairy, poultry, and animal specialties (021)						
	Horticultural specialties (018)	General farms, primarily crop (019)	Total	Beef cattle, except feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)	
TENURE AND RACE OF OPERATOR									
All operators .....	182	98	3 190	2 641	142	67	1 351	73	
Full owners .....	119	58	2 174	1 726	88	58	1 146	50	
Part owners .....	25	28	774	710	26	3	116	20	
Tenants .....	38	12	242	205	28	6	89	3	
White .....	174	88	2 769	2 329	139	67	1 324	67	
Full owners .....	113	50	1 825	1 472	87	58	1 129	45	
Part owners .....	24	27	753	691	24	3	108	19	
Tenants .....	37	11	191	166	28	6	87	3	
Black and other races .....	8	10	421	312	3	-	27	6	
Full owners .....	6	8	349	254	1	-	17	5	
Part owners .....	1	1	21	19	2	-	8	1	
Tenants .....	1	1	51	39	-	-	2	-	
OWNED AND RENTED LAND									
Land owned .....	145	87	2 952	2 440	114	61	1 262	70	
acres..	33 220	45 248	24 124 191	17 597 896	20 592	2 184	606 071	1 358 134	
Owned land in farms .....	144	86	2 948	2 436	114	61	1 262	70	
acres..	31 639	38 735	23 894 809	17 389 926	17 178	2 124	62 985	1 038 181	
Land rented or leased from others .....	64	41	1 036	933	55	9	206	23	
acres..	(D)	47 279	8 891 067	8 524 671	12 706	(D)	168 674	43 002	
Rented or leased land in farms .....	63	40	1 016	915	54	9	205	23	
acres..	8 451	46 578	8 681 615	8 320 267	12 564	296	93 002	42 597	
Land rented or leased to others .....	12	8	182	150	21	1	53	6	
acres..	(D)	7 214	438 834	412 374	3 556	(D)	618 758	320 358	
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated .....	81	50	2 091	1 687	114	55	1 114	42	
Not on farm operated .....	97	43	867	761	18	10	151	21	
Not reported .....	4	5	232	193	10	2	86	10	
Operators by principal occupation:									
Farming .....	97	52	1 508	1 311	118	22	374	19	
Other .....	85	46	1 682	1 330	24	45	977	54	
Operators by days of work off farm									
None .....	84	33	1 098	936	115	16	315	14	
Any .....	91	62	1 908	1 547	17	49	997	55	
1 to 99 days .....	17	21	297	253	3	7	99	8	
100 to 199 days .....	11	11	361	303	2	10	142	6	
200 days or more .....	63	30	1 250	991	12	32	756	41	
Not reported .....	7	3	184	158	10	2	39	4	
Operators by years on present farm:									
2 years or less .....	19	8	179	145	8	5	181	4	
3 or 4 years .....	32	14	271	201	13	11	206	2	
5 to 9 years .....	55	23	620	505	34	19	340	12	
10 years or more .....	62	42	1 461	1 245	67	23	423	29	
Average years on present farm .....	10.3	13.0	15.8	16.5	14.9	9.8	9.3	12.3	
Not reported .....	14	11	659	545	20	9	201	26	
Operators by age group									
Under 25 years .....	1	1	34	24	1	-	6	-	
25 to 34 years .....	25	6	219	185	30	-	122	3	
35 to 44 years .....	64	19	669	517	30	20	412	19	
45 to 49 years .....	25	13	369	292	14	9	252	18	
50 to 54 years .....	22	18	376	305	17	13	152	5	
55 to 59 years .....	16	11	421	349	14	9	152	9	
60 to 64 years .....	11	20	388	327	18	10	107	7	
65 to 69 years .....	8	4	297	262	9	1	70	8	
70 years and over .....	10	6	417	380	9	5	78	4	
Average age .....	46.5	51.8	53.4	54.0	48.1	51.8	48.7	51.2	
Operators by sex:									
Male .....	167	97	2 866	2 413	137	56	1 014	71	
Female .....	15	1	324	228	5	11	337	2	
Operators of Spanish origin (see text) .....	7	11	169	137	3	2	43	3	
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship) .....	93	61	2 373	1 948	75	56	1 125	51	
acres..	6 389	27 494	5 563 392	5 342 040	8 731	1 129	85 782	42 665	
Partnership .....	25	28	438	374	39	2	135	11	
acres..	4 533	45 259	3 957 056	3 740 943	16 853	(D)	32 323	(D)	
Corporation:									
Family held .....	44	6	218	185	20	7	72	2	
acres..	2 967	11 950	2 468 700	2 387 386	3 212	(D)	25 032	(D)	
More than 10 stockholders .....	1	-	6	6	1	-	1	-	
10 or less stockholders .....	43	6	212	179	19	7	71	2	
Other than family held .....	16	1	26	22	4	1	8	-	
acres..	1 289	(D)	984 687	983 622	(D)	(D)	1 044	-	
More than 10 stockholders .....	4	-	7	6	2	-	1	-	
10 or less stockholders .....	12	1	19	16	2	1	7	-	
Other—cooperative, estate or trust, institutional, etc .....	4	2	135	112	4	1	11	9	
acres..	24 912	(D)	19 602 589	13 256 202	(D)	(D)	11 806	1 002 521	

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
FARMS BY SIZE								
1 to 9 acres .....	2 158	1	56	5	-	51	7	210
10 to 49 acres .....	1 510	14	205	34	-	171	26	329
50 to 69 acres .....	256	4	43	12	-	31	4	33
70 to 99 acres .....	314	3	73	26	-	47	9	51
100 to 139 acres .....	247	2	71	33	-	38	13	38
140 to 179 acres .....	316	4	71	47	-	24	15	27
180 to 219 acres .....	166	5	61	48	-	13	3	15
220 to 259 acres .....	131	1	63	51	-	12	6	9
260 to 499 acres .....	613	13	296	249	-	47	23	24
500 to 999 acres .....	678	18	311	268	-	43	24	15
1,000 to 1,999 acres .....	436	4	197	171	-	26	26	11
2,000 acres or more .....	844	2	93	72	-	21	19	18
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) .....	71	71	-	-	-	-	-	-
Field crops, except cash grains (013) .....	1 540	-	1 540	1 016	-	524	-	-
Cotton (0131) .....	1 016	-	1 016	1 016	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	524	-	524	-	-	524	-	-
Vegetables and melons (016) .....	175	-	-	-	-	-	175	-
Fruits and tree nuts (017) .....	780	-	-	-	-	-	-	780
Horticultural specialties (018) .....	182	-	-	-	-	-	-	-
General farms, primarily crop (019) .....	98	-	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021) .....	3 190	-	-	-	-	-	-	-
Beef cattle, except feedlots (0212) .....	2 641	-	-	-	-	-	-	-
Dairy farms (024) .....	142	-	-	-	-	-	-	-
Poultry and eggs (025) .....	67	-	-	-	-	-	-	-
Animal specialties (027) .....	1 351	-	-	-	-	-	-	-
General farms, primarily livestock and animal specialties (029) .....	73	-	-	-	-	-	-	-
LIVESTOCK								
Cattle and calves inventory .....	3 521	9	180	80	-	100	24	44
..... farms..								
..... number..	1 110 912	206	12 082	8 034	-	4 048	384	491
Farms with—								
1 to 9 .....	986	6	67	20	-	47	12	34
10 to 49 .....	1 098	1	63	27	-	36	11	7
50 to 99 .....	367	2	24	14	-	10	1	2
100 to 199 .....	296	-	11	8	-	3	-	1
200 to 499 .....	396	-	8	6	-	2	-	-
500 or more .....	378	-	7	5	-	2	-	-
Cows and heifers that had calved .....	2 738	4	130	60	-	70	14	28
..... farms..								
..... number..	421 131	95	5 739	3 903	-	1 836	188	230
Beef cows .....	2 497	4	122	58	-	64	13	28
..... farms..								
..... number..	334 851	95	5 142	3 757	-	1 385	183	(D)
Farms with—								
1 to 9 .....	759	2	53	14	-	39	5	22
10 to 49 .....	780	1	42	21	-	21	8	5
50 to 99 .....	245	1	14	12	-	2	-	1
100 to 199 .....	275	-	7	7	-	-	-	-
200 to 499 .....	287	-	5	3	-	2	-	-
500 or more .....	151	-	1	1	-	-	-	-
Milk cows .....	476	-	19	5	-	14	5	1
..... farms..								
..... number..	86 280	-	597	146	-	451	5	(D)
Farms with—								
1 to 4 .....	305	-	15	3	-	12	5	1
5 to 9 .....	27	-	1	-	-	1	-	-
10 to 49 .....	17	-	1	1	-	-	-	-
50 to 99 .....	4	-	-	-	-	-	-	-
100 to 199 .....	12	-	1	1	-	-	-	-
200 to 499 .....	44	-	1	-	-	1	-	-
500 or more .....	67	-	-	-	-	-	-	-
Heifers and heifer calves .....	2 540	5	123	56	-	67	16	24
..... farms..								
..... number..	160 302	73	3 103	1 693	-	1 410	104	120
Steers, steer calves, bulls, and bull calves .....	2 903	7	141	61	-	80	18	21
..... farms..								
..... number..	529 479	38	3 240	2 438	-	602	92	141
Cattle and calves sold .....	3 302	5	163	75	-	78	22	23
..... farms..								
..... number..	1 009 492	(D)	7 104	4 965	-	2 139	285	358
Calves .....	506 565	(D)	2 610	1 910	-	700	112	148
..... farms..								
..... number..	2 252	5	86	43	-	43	10	13
Cattle .....	218 160	53	2 287	1 512	-	775	139	106
..... farms..								
..... number..	54 685	12	578	365	-	212	42	31
Fattened on grain and concentrates .....	2 587	2	120	60	-	60	21	19
..... farms..								
..... number..	791 332	(D)	4 817	3 453	-	1 364	146	252
..... \$1,000..	451 680	(D)	2 033	1 545	-	488	70	117
..... \$1,000..	314	-	15	9	-	6	4	1
..... \$1,000..	508 829	-	185	174	-	11	14	(D)
..... \$1,000..	330 168	-	113	106	-	7	10	(D)

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
FARMS BY SIZE								
1 to 9 acres -----	102	4	853	574	9	39	854	23
10 to 49 acres -----	51	21	470	348	45	21	323	5
50 to 69 acres -----	2	5	118	102	19	2	25	1
70 to 99 acres -----	4	13	114	101	19	-	27	1
100 to 139 acres -----	4	2	81	69	10	2	21	3
140 to 179 acres -----	2	8	148	132	15	1	24	1
180 to 219 acres -----	2	3	59	55	2	1	12	3
220 to 259 acres -----	-	1	39	33	4	-	6	2
260 to 499 acres -----	5	12	201	180	10	-	26	3
500 to 999 acres -----	5	15	264	253	4	-	17	5
1,000 to 1,999 acres -----	3	6	169	161	4	1	5	10
2,000 acres or more -----	2	8	674	633	1	-	11	16
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) -----	-	-	-	-	-	-	-	-
Field crops, except cash grains (013) -----	-	-	-	-	-	-	-	-
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	-	-	-	-	-	-	-	-
Vegetables and melons (016) -----	-	-	-	-	-	-	-	-
Fruits and tree nuts (017) -----	-	-	-	-	-	-	-	-
Horticultural specialties (018) -----	182	-	-	-	-	-	-	-
General farms, primarily crop (019) -----	-	98	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021) -----	-	-	3 190	2 641	-	-	-	-
Beef cattle, except feedlots (0212) -----	-	-	2 641	2 641	-	-	-	-
Dairy farms (024) -----	-	-	-	-	142	-	-	-
Poultry and eggs (025) -----	-	-	-	-	-	67	-	-
Animal specialties (027) -----	-	-	-	-	-	-	1 351	-
General farms, primarily livestock and animal specialties (029) -----	-	-	-	-	-	-	-	73
LIVESTOCK								
Cattle and calves inventory ----- farms ..	9	27	2 842	2 529	141	11	202	32

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
LIVESTOCK—Con.								
Hogs and pigs inventory..... farms...	331	4	20	12	-	8	5	7
..... number...	135 414	67	2 725	2 646	-	79	71	24
Farms with—								
1 to 24.....	266	3	16	9	-	7	4	7
25 to 49.....	17	-	2	1	-	1	1	-
50 to 99.....	7	1	1	1	-	-	-	-
100 to 199.....	7	-	-	-	-	-	-	-
200 to 499.....	9	-	-	-	-	-	-	-
500 or more.....	25	-	1	1	-	-	-	-
Used or to be used for breeding..... farms...	140	-	9	6	-	3	4	1
..... number...	14 863	-	250	244	-	6	10	(D)
Other..... farms...	312	4	20	12	-	8	4	7
..... number...	120 551	67	2 475	2 402	-	73	61	(D)
Hogs and pigs sold..... farms...	242	2	15	10	-	5	3	5
..... number...	237 623	(D)	3 282	3 196	-	86	43	24
..... \$1,000.....	26 953	(D)	348	344	-	4	4	2
Feeder pigs..... farms...	46	-	4	1	-	3	1	-
..... number...	24 744	-	142	(D)	-	(D)	(D)	-
..... \$1,000.....	1 154	-	5	(D)	-	(D)	(D)	-
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30..... farms...	146	-	10	6	-	4	4	1
..... number...	29 211	-	454	444	-	10	12	(D)
Dec. 1 and May 31..... farms...	134	-	9	6	-	3	4	1
..... number...	15 167	-	227	(D)	-	(D)	5	(D)
June 1 and Nov. 30..... farms...	108	-	7	6	-	1	3	1
..... number...	14 044	-	227	(D)	-	(D)	7	(D)
Sheep and lambs of all ages inventory..... farms...	456	2	28	15	-	13	2	8
..... number...	301 279	(D)	15 999	15 419	-	580	(D)	1 059
Ewes 1 year old or older..... farms...	381	1	20	10	-	10	1	7
..... number...	164 290	(D)	5 640	5 459	-	181	(D)	(D)
Sheep and lambs sold..... farms...	395	1	23	12	-	11	2	2
..... number...	116 165	(D)	9 643	9 136	-	507	(D)	(D)
Sheep and lambs shorn..... farms...	339	2	17	10	-	7	2	6
..... number...	228 471	(D)	9 104	8 833	-	271	(D)	72
..... pounds of wool...	1 931 271	(D)	58 003	56 756	-	1 247	(D)	238
Horses and ponies inventory..... farms...	3 566	10	189	73	-	116	17	82
..... number...	70 550	20	1 230	711	-	519	130	381
Horses and ponies sold..... farms...	1 088	1	26	6	-	20	-	4
..... number...	8 777	(D)	76	47	-	29	-	6
Goats inventory..... farms...	371	-	14	5	-	9	1	13
..... number...	116 899	-	747	25	-	722	(D)	52
Goats sold..... farms...	159	-	6	3	-	3	-	2
..... number...	26 363	-	47	22	-	25	-	(D)
POULTRY								
Chickens 3 months old or older inventory..... farms...	741	2	37	9	-	28	7	43
..... number...	331 462	(D)	710	153	-	557	201	894
Farms with—								
1 to 399.....	736	2	37	9	-	28	7	43
400 to 3,199.....	2	-	-	-	-	-	-	-
3,200 to 9,999.....	-	-	-	-	-	-	-	-
10,000 to 19,999.....	-	-	-	-	-	-	-	-
20,000 to 49,999.....	1	-	-	-	-	-	-	-
50,000 to 99,999.....	1	-	-	-	-	-	-	-
100,000 or more.....	1	-	-	-	-	-	-	-
Hens and pullets of laying age..... farms...	734	2	36	9	-	27	7	42
..... number...	329 318	(D)	643	(D)	-	(D)	201	816
Pullets 3 months old or older not of laying age..... farms...	146	-	7	2	-	5	-	8
..... number...	2 144	-	67	(D)	-	(D)	-	78
Hens and pullets sold..... farms...	70	1	-	-	-	-	1	2
..... number...	325 609	(D)	-	-	-	-	(D)	(D)
Broilers and other meat-type chickens sold..... farms...	23	-	-	-	-	-	-	-
..... number...	(D)	-	-	-	-	-	-	-
Farms with—								
1 to 1,999.....	21	-	-	-	-	-	-	-
2,000 to 59,999.....	1	-	-	-	-	-	-	-
60,000 to 99,999.....	-	-	-	-	-	-	-	-
100,000 or more.....	1	-	-	-	-	-	-	-
Turkey hens kept for breeding..... farms...	31	-	-	-	-	-	1	1
..... number...	182	-	-	-	-	-	(D)	(D)
Turkeys sold..... farms...	19	-	-	-	-	-	-	-
..... number...	(D)	-	-	-	-	-	(D)	-

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item			Livestock, except dairy, poultry, and animal specialties (021)					
			Total	Beef cattle, except feedlots (0212)				
LIVESTOCK—Con								
Hogs and pigs inventory..... farms..	1	2	245	90	2	5	29	11
..... number..	(D)	(D)	131 162	623	(D)	12	120	1 209
Farms with—								
1 to 24.....	1	2	187	84	2	5	29	10
25 to 49.....	-	-	14	5	-	-	-	-
50 to 99.....	-	-	5	-	-	-	-	-
100 to 199.....	-	-	7	1	-	-	-	-
200 to 499.....	-	-	9	-	-	-	-	-
500 or more.....	-	-	23	-	-	-	-	1
Used or to be used for breeding..... farms..	-	1	112	29	1	2	10	-
..... number..	-	(D)	14 568	88	(D)	(D)	23	-
Other..... farms..	1	2	230	85	2	4	27	11
..... number..	(D)	(D)	116 594	535	(D)	(D)	97	1 209
Hogs and pigs sold..... farms..	-	2	199	47	1	2	10	3
..... number..	-	(D)	230 347	460	(D)	(D)	74	3 706
..... \$1,000..	-	(D)	26 210	46	(D)	(D)	5	371
Feeder pigs..... farms..	-	1	36	6	-	1	3	-
..... number..	-	(D)	24 483	116	-	(D)	44	-
..... \$1,000..	-	(D)	1 146	3	-	(D)	1	-
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30..... farms..	-	1	117	29	1	2	10	-
..... number..	-	(D)	28 709	76	(D)	(D)	18	-
Dec. 1 and May 31..... farms..	-	1	106	23	1	2	10	-
..... number..	-	(D)	14 910	46	(D)	(D)	12	-
June 1 and Nov. 30..... farms..	-	1	91	17	-	1	4	-
..... number..	-	(D)	13 799	30	-	(D)	6	-
Sheep and lambs of all ages inventory..... farms..	4	3	366	155	3	6	28	6
..... number..	24	103	283 239	108 044	53	221	305	224
Ewes 1 year old or older..... farms..	2	3	313	130	3	3	23	5
..... number..	(D)	68	157 258	56 961	48	87	131	(D)
Sheep and lambs sold..... farms..	2	4	332	127	3	3	16	7
..... number..	(D)	62	105 941	11 660	42	113	197	92
Sheep and lambs shorn..... farms..	1	4	282	102	3	4	13	5
..... number..	(D)	103	218 534	82 669	84	172	174	181
..... pounds of wool..	(D)	845	1 868 665	801 840	361	1 074	1 026	698
Horses and ponies inventory..... farms..	17	14	1 968	1 704	34	34	1 176	25
..... number..	98	66	53 061	33 682	205	232	15 025	102
Horses and ponies sold..... farms..	1	-	323	275	5	2	717	9
..... number..	(D)	-	5 822	3 884	23	(D)	2 820	25
Goats inventory..... farms..	5	1	250	116	4	10	65	8
..... number..	(D)	(D)	115 489	34 773	84	104	246	144
Goats sold..... farms..	-	-	127	42	2	4	12	6
..... number..	-	-	26 153	6 483	(D)	24	61	52
POULTRY								
Chickens 3 months old or older inventory..... farms..	11	8	380	270	8	56	162	27
..... number..	529	662	8 703	5 735	(D)	315 621	3 291	752
Farms with—								
1 to 399.....	11	8	380	270	8	51	162	27
400 to 3,199.....	-	-	-	-	-	2	-	-
3,200 to 9,999.....	-	-	-	-	-	-	-	-
10,000 to 19,999.....	-	-	-	-	-	-	-	-
20,000 to 49,999.....	-	-	-	-	-	1	-	-
50,000 to 99,999.....	-	-	-	-	-	1	-	-
100,000 or more.....	-	-	-	-	-	1	-	-
Hens and pullets of laying age..... farms..	11	8	375	267	8	56	162	27
..... number..	465	435	7 922	5 241	(D)	315 215	2 839	683
Pullets 3 months old or older not of laying age..... farms..	3	4	64	38	-	16	39	5
..... number..	64	227	781	494	-	406	452	69
Hens and pullets sold..... farms..	1	1	24	9	1	23	11	5
..... number..	(D)	(D)	915	161	(D)	324 082	264	156
Broilers and other meat-type chickens sold..... farms..	-	2	15	6	-	5	-	1
..... number..	-	(D)	345	167	-	454 066	-	(D)
Farms with—								
1 to 1,999.....	-	2	15	6	-	3	-	1
2,000 to 59,999.....	-	-	-	-	-	1	-	-
60,000 to 99,999.....	-	-	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	1	-	-
Turkey hens kept for breeding..... farms..	-	-	16	10	-	7	4	2
..... number..	-	-	76	46	-	26	59	(D)
Turkeys sold..... farms..	-	-	8	6	-	6	3	1
..... number..	-	-	62	(D)	-	15 032	18	(D)

See footnotes at end of table

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
CROPS HARVESTED								
Corn for grain or seed ----- farms..	166	39	32	26	-	6	12	2
acres..	12 794	5 498	2 131	2 091	-	40	851	(D)
Irrigated ----- bushels..	1 530 568	808 863	282 582	279 938	-	2 644	112 531	(D)
farms..	132	37	29	25	-	4	12	2
acres..	10 706	5 398	2 107	2 078	-	29	851	(D)
Corn for silage or green chop ----- farms..	121	-	70	39	-	31	4	-
acres..	8 781	-	6 153	2 984	-	3 169	(D)	-
Irrigated ----- tons, green..	190 335	-	138 461	71 018	-	67 443	(D)	-
farms..	121	-	70	39	-	31	4	-
acres..	8 781	-	6 153	2 984	-	3 169	(D)	-
Sorghum for grain or seed ----- farms..	39	2	30	26	-	4	1	-
acres..	3 242	(D)	2 313	1 978	-	335	(D)	-
Irrigated ----- bushels..	249 319	(D)	193 961	170 266	-	23 695	(D)	-
farms..	39	2	30	26	-	4	1	-
acres..	3 242	(D)	2 313	1 978	-	335	(D)	-
Wheat for grain ----- farms..	443	33	317	279	-	38	36	4
acres..	97 407	4 484	60 368	49 366	-	11 002	23 410	560
Irrigated ----- bushels..	7 991 708	391 723	5 219 679	4 316 728	-	902 951	1 641 065	25 421
farms..	433	33	315	277	-	38	36	3
acres..	96 947	4 484	60 258	49 256	-	11 002	23 410	525
Farms by acres harvested								
1 to 24 acres -----	64	8	38	33	-	5	-	1
25 to 99 acres -----	158	9	124	118	-	6	6	1
100 to 249 acres -----	136	11	111	93	-	18	5	1
250 to 499 acres -----	57	3	34	28	-	6	15	1
500 acres or more -----	28	2	10	7	-	3	10	-
Barley for grain ----- farms..	168	13	127	120	-	7	8	1
acres..	14 654	971	10 863	10 003	-	860	646	(D)
Irrigated ----- bushels..	1 365 067	100 755	1 014 753	943 497	-	71 256	43 069	(D)
farms..	168	13	127	120	-	7	8	1
acres..	14 654	971	10 863	10 003	-	860	646	(D)
Cotton ----- farms..	1 199	9	1 064	1 016	-	48	53	4
acres..	381 733	613	347 751	338 583	-	9 168	17 797	(D)
Irrigated ----- bales..	1 005 493	610	923 336	898 803	-	24 533	42 126	(D)
farms..	1 199	9	1 064	1 016	-	48	53	4
acres..	381 733	613	347 751	338 583	-	9 168	17 797	(D)
Farms by acres harvested:								
1 to 24 acres -----	58	4	35	32	-	3	2	2
25 to 99 acres -----	239	3	197	182	-	15	17	1
100 to 249 acres -----	392	1	356	339	-	17	16	1
250 to 499 acres -----	317	1	297	286	-	11	10	-
500 acres or more -----	193	-	179	177	-	2	8	-
Irish potatoes ----- farms..	28	-	16	5	-	11	2	-
acres..	3 618	-	1 913	590	-	1 323	(D)	-
Irrigated ----- cwt..	927 389	-	560 010	166 000	-	394 010	(D)	-
farms..	28	-	16	5	-	11	2	-
acres..	3 618	-	1 913	590	-	1 323	(D)	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms..	1 402	11	712	252	-	460	39	22
acres..	181 319	706	128 613	48 532	-	80 081	14 859	894
Irrigated ----- tons, dry..	1 040 321	1 992	766 223	269 425	-	496 798	100 874	7 187
farms..	1 373	11	709	250	-	459	38	20
acres..	178 577	706	127 303	47 542	-	79 761	14 779	864
Farms by acres harvested:								
1 to 24 acres -----	653	3	234	38	-	196	8	12
25 to 99 acres -----	396	6	238	103	-	135	6	8
100 to 249 acres -----	171	2	111	56	-	55	10	1
250 to 499 acres -----	97	-	64	28	-	36	7	1
500 acres or more -----	85	-	65	27	-	38	8	-
Alfalfa hay ----- farms..	1 148	5	638	214	-	424	28	18
acres..	136 959	353	103 577	35 105	-	68 472	9 353	809
Irrigated ----- tons, dry..	909 135	1 342	696 146	238 120	-	458 026	78 433	7 019
farms..	1 148	5	638	214	-	424	28	18
acres..	136 959	353	103 577	35 105	-	68 472	9 353	809
Vegetables harvested for sale (see text) --- farms..	328	3	63	51	-	12	175	9
acres..	98 138	83	4 867	3 431	-	1 436	86 311	258
Irrigated ----- farms..	328	3	63	51	-	12	175	9
acres..	98 138	83	4 867	3 431	-	1 436	86 311	258
Farms by acres harvested								
0.1 to 4.9 acres -----	58	-	3	1	-	2	18	3
5.0 to 24.9 acres -----	64	2	18	14	-	4	27	2
25.0 to 99.9 acres -----	97	1	27	25	-	2	47	4
100.0 to 249.9 acres -----	42	-	12	10	-	2	25	-
250.0 acres or more -----	67	-	3	1	-	2	58	-
Land in orchards ----- farms..	1 141	6	95	49	-	46	21	778
acres..	74 921	184	5 450	3 986	-	1 464	638	65 261
Irrigated ----- farms..	1 141	6	95	49	-	46	21	778
acres..	74 921	184	5 450	3 986	-	1 464	638	65 261
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres -----	430	2	35	16	-	19	11	214
5.0 to 24.9 acres -----	387	2	25	8	-	17	4	302
25.0 to 99.9 acres -----	206	1	22	14	-	8	4	164
100.0 to 249.9 acres -----	69	1	9	8	-	1	2	55
250.0 acres or more -----	49	-	4	3	-	1	-	43
All citrus fruit ----- farms..	546	2	42	11	-	31	6	441
Bearing and nonbearing.....acres..	40 791	(D)	1 062	468	-	593	350	38 907

See footnotes at end of table.



Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item			Livestock, except dairy, poultry, and animal specialties (021)						
	Horticultural specialties (018)	General farms, primarily crop (019)	Total	Beef cattle, except feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)	
CROPS HARVESTED									
Corn for grain or seed	farms... 1	12	57	35	4	-	4	3	
	acres... (D)	728	3 191	2 054	283	-	19	31	
	bushels... (D)	84 865	198 291	104 536	34 049	-	1 418	1 703	
Irrigated	farms... 1	10	34	19	4	-	2	1	
	acres... (D)	700	1 283	567	283	-	(D)	(D)	
Corn for silage or green chop	farms... -	3	27	20	11	-	2	4	
	acres... -	124	1 340	1 268	925	-	(D)	163	
	tons, green... -	2 948	21 347	19 662	22 910	-	(D)	3 177	
Irrigated	farms... -	3	27	20	11	-	2	4	
	acres... -	124	1 340	1 268	925	-	(D)	163	
Sorghum for grain or seed	farms... 1	3	2	2	-	-	-	-	
	acres... (D)	77	(D)	(D)	-	-	-	-	
	bushels... (D)	4 067	(D)	(D)	-	-	-	-	
Irrigated	farms... 1	3	2	2	-	-	-	-	
	acres... (D)	77	(D)	(D)	-	-	-	-	
Wheat for grain	farms... 2	28	17	12	2	-	3	1	
	acres... (D)	6 682	1 555	1 074	(D)	-	5	(D)	
	bushels... (D)	589 978	95 821	46 488	(D)	-	210	(D)	
Irrigated	farms... 2	27	12	9	1	-	3	1	
	acres... (D)	6 678	1 245	818	(D)	-	5	(D)	
Farms by acres harvested									
1 to 24 acres	-	5	6	3	2	-	3	1	
25 to 99 acres	-	13	5	4	-	-	-	-	
100 to 249 acres	2	2	4	4	-	-	-	-	
250 to 499 acres	-	2	2	1	-	-	-	-	
500 acres or more	-	6	-	-	-	-	-	-	
Barley for grain	farms... 1	8	8	8	2	-	-	-	
	acres... (D)	360	444	444	(D)	-	-	-	
	bushels... (D)	27 966	44 961	44 961	(D)	-	-	-	
Irrigated	farms... 1	8	8	8	2	-	-	-	
	acres... (D)	360	444	444	(D)	-	-	-	
Cotton	farms... 6	38	16	8	4	1	-	4	
	acres... 927	11 491	1 994	1 274	514	(D)	-	430	
	bales... 2 856	29 965	3 539	2 379	1 181	(D)	-	1 251	
Irrigated	farms... 6	38	16	8	4	1	-	4	
	acres... 927	11 491	1 994	1 274	514	(D)	-	430	
Farms by acres harvested									
1 to 24 acres	2	3	6	3	-	1	-	3	
25 to 99 acres	1	13	5	3	2	-	-	-	
100 to 249 acres	2	12	3	-	1	-	-	-	
250 to 499 acres	1	5	1	1	1	-	-	1	
500 acres or more	-	5	1	1	-	-	-	-	
Irish potatoes	farms... -	5	3	3	2	-	-	-	
	acres... -	1 304	22	22	(D)	-	-	-	
	cwt... -	252 599	1 480	1 480	(D)	-	-	-	
Irrigated	farms... -	5	3	3	2	-	-	-	
	acres... -	1 304	22	22	(D)	-	-	-	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc (see text)	farms... 7	52	437	361	36	6	66	14	
	acres... 2 150	5 604	21 834	15 675	4 999	148	1 239	273	
	tons, dry... 16 959	36 467	76 307	43 165	28 370	376	3 800	1 766	
Irrigated	farms... 7	49	420	346	35	6	64	14	
	acres... 2 150	5 539	20 650	14 505	4 967	148	1 198	273	
Farms by acres harvested									
1 to 24 acres	2	17	299	241	4	5	57	12	
25 to 99 acres	3	19	96	88	14	-	5	1	
100 to 249 acres	-	8	22	20	12	1	3	1	
250 to 499 acres	-	8	12	9	4	-	1	-	
500 acres or more	2	-	8	3	2	-	-	-	
Alfalfa hay	farms... 7	40	322	274	23	5	48	14	
	acres... 1 620	4 653	12 658	8 447	2 850	147	666	273	
	tons, dry... 15 051	34 953	52 765	30 334	18 322	375	2 963	1 766	
Irrigated	farms... 7	40	322	274	23	5	48	14	
	acres... 1 620	4 653	12 658	8 447	2 850	147	666	273	
Vegetables harvested for sale (see text)	farms... 8	28	35	22	1	3	-	3	
	acres... 172	4 240	2 200	1 338	(D)	(D)	-	4	
Irrigated	farms... 8	28	35	22	1	3	-	3	
	acres... 172	4 240	2 200	1 338	(D)	(D)	-	4	
Farms by acres harvested									
0 1 to 4 9 acres	3	6	18	13	1	3	-	3	
5 0 to 24 9 acres	1	6	8	6	-	-	-	-	
25 0 to 99 9 acres	4	9	5	2	-	-	-	-	
100 0 to 249 9 acres	-	3	2	-	-	-	-	-	
250 0 acres or more	-	4	2	1	-	-	-	-	
Land in orchards	farms... 16	13	147	102	3	11	42	9	
	acres... 276	1 823	967	728	44	31	236	11	
Irrigated	farms... 16	13	147	102	3	11	42	9	
	acres... 276	1 823	967	728	44	31	236	11	
Farms by bearing and nonbearing acres									
0 1 to 4 9 acres	10	7	101	69	1	10	30	9	
5 0 to 24 9 acres	5	-	37	27	1	1	10	-	
25 0 to 99 9 acres	-	4	8	5	1	-	2	-	
100 0 to 249 9 acres	1	-	1	1	-	-	-	-	
250 0 acres or more	-	2	-	-	-	-	-	-	
All citrus fruit	farms... 5	4	25	14	1	2	17	1	
Bearing and nonbearing	acres... 34	162	125	65	(D)	(D)	90	(D)	

1Date are based on a sample of farms

2Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

# Table 1. County Summary Highlights: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
Farms ..... number .....	7 669	380	836	294	157	323	102	109
Land in farms ..... acres .....	36 287 794	5 779 528	2 077 793	5 905 699	1 189 175	1 852 684	139 840	226 954
Average size of farm ..... acres .....	4 732	15 209	2 485	20 087	7 574	5 736	1 371	2 082
Value of land and buildings <sup>1</sup>								
Average per farm ..... dollars .....	1 317 765	1 868 852	795 292	3 049 187	1 801 732	1 548 087	451 078	3 216 670
Average per acre ..... dollars .....	279	126	309	149	237	270	311	1 521
Estimated market value of all machinery and equipment <sup>1</sup>								
Average per farm ..... dollars .....	55 702	21 748	27 432	27 632	22 433	51 719	30 945	244 949
Farms by size								
1 to 9 acres .....	2 158	79	85	119	29	51	11	17
10 to 49 acres .....	1 510	66	129	36	42	59	16	20
50 to 179 acres .....	1 133	51	172	31	45	61	34	14
180 to 499 acres .....	910	36	128	21	11	59	18	18
500 to 999 acres .....	678	41	97	16	6	41	8	15
1,000 acres or more .....	1 280	107	225	71	24	52	15	25
Total cropland..... farms.....	4 840	215	478	96	80	254	69	94
..... acres.....	1 453 852	36 898	139 086	10 842	6 477	53 925	8 831	88 820
Harvested cropland ..... farms.....	3 646	143	315	47	36	209	45	85
..... acres.....	865 817	(D)	42 776	(D)	(D)	35 937	3 507	81 242
Irrigated land ..... farms.....	4 241	161	357	51	52	228	59	92
..... acres.....	913 841	13 576	49 012	2 740	1 465	37 835	4 377	82 345
Market value of agricultural products sold ..... \$1,000.....	1 628 544	17 594	53 920	15 402	5 290	30 462	4 960	67 963
Average per farm ..... dollars.....	212 354	46 300	64 498	52 388	33 695	94 308	48 623	623 509
Crops, including nursery and greenhouse crops ..... \$1,000.....	896 681	1 371	22 565	747	291	19 149	1 250	67 476
Livestock, poultry, and their products ..... \$1,000.....	731 863	16 223	31 355	14 655	4 999	11 313	3 710	487
Farms by value of sales								
Less than \$2,500 .....	2 494	149	239	144	45	70	33	24
\$2,500 to \$4,999 .....	820	71	99	27	33	30	15	6
\$5,000 to \$9,999 .....	775	55	109	34	16	28	7	6
\$10,000 to \$24,999 .....	757	37	112	29	18	49	13	8
\$25,000 to \$49,999 .....	583	27	85	21	22	33	14	5
\$50,000 to \$99,999 .....	533	20	78	9	10	37	12	9
\$100,000 or more .....	1 707	21	114	30	13	76	8	51
Operators by principal occupation.								
Farming .....	3 782	139	456	130	77	184	60	75
Other .....	3 887	241	380	164	80	139	42	34
Operators by days worked off farm.								
Any .....	4 423	259	449	183	86	172	59	58
200 days or more .....	2 997	158	295	81	55	109	30	34
Average age of operator ..... years.....	51.5	51.5	54.0	51.4	55.1	52.2	52.1	51.0
Total farm production expenses <sup>1</sup> ..... \$1,000.....	1 301 666	14 945	42 365	11 161	5 028	25 638	3 737	54 529
Average per farm ..... dollars.....	169 642	39 434	50 615	37 961	32 028	79 374	36 635	500 270
Livestock and poultry								
Cattle and calves inventory ..... farms.....	3 521	300	544	227	125	166	76	23
..... number.....	1 110 912	57 691	77 788	61 494	31 613	35 648	12 262	(D)
Beef cows ..... farms.....	2 497	234	460	168	107	123	67	16
..... number.....	334 851	32 415	42 094	33 833	17 572	(D)	(D)	(D)
Milk cows..... farms.....	476	31	57	5	16	22	13	2
..... number.....	86 280	87	406	13	49	(D)	(D)	(D)
Cattle and calves sold ..... farms.....	3 302	293	510	213	121	168	71	19
..... number.....	1 009 492	34 886	57 046	32 218	13 333	19 243	(D)	(D)
Hogs and pigs inventory..... farms.....	331	10	50	7	5	15	6	5
..... number.....	135 414	35	10 571	20	(D)	16 170	55	53
Hogs and pigs sold ..... farms.....	242	2	47	2	2	11	5	5
..... number.....	237 623	(D)	40 700	(D)	(D)	23 015	111	(D)
Sheep and lambs inventory..... farms.....	456	66	26	79	4	15	4	3
..... number.....	301 279	107 181	13 361	49 324	22	352	(D)	(D)
Chickens 3 months old or older inventory ..... farms.....	741	37	84	29	19	27	14	6
..... number.....	331 462	906	2 390	1 195	370	464	417	273
Broilers and other meat-type chickens sold ..... farms.....	23	1	2	-	-	-	-	-
..... number.....	(D)	(D)	(D)	-	-	-	-	-
Selected crops harvested								
Corn for grain or seed ..... farms.....	166	25	55	16	1	14	15	3
..... acres.....	12 794	2 114	6 330	272	(D)	1 809	757	345
..... bushels.....	1 530 568	49 287	921 232	16 007	(D)	293 531	90 336	40 280
Wheat for grain ..... farms.....	443	4	18	1	1	17	7	18
..... acres.....	97 407	(D)	1 122	(D)	(D)	1 544	561	14 199
..... bushels.....	7 991 708	44 676	65 089	(D)	(D)	127 962	41 460	697 873
Barley for grain ..... farms.....	168	1	-	-	1	19	5	1
..... acres.....	14 654	(D)	-	-	(D)	1 190	116	(D)
..... bushels.....	1 365 067	(D)	-	-	(D)	123 150	9 166	(D)
Cotton..... farms.....	1 199	-	87	-	1	85	12	33
..... acres.....	381 733	-	17 206	-	(D)	23 163	(D)	16 361
..... bales.....	1 005 493	-	24 424	-	(D)	40 948	(D)	44 210
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc (see text) ..... farms.....	1 402	122	89	23	11	88	25	56
..... acres.....	181 319	7 128	7 044	295	220	3 015	606	42 630
..... tons, dry.....	1 040 321	22 784	30 972	623	1 033	15 197	2 829	293 897
Vegetables harvested for sale (see text) ..... farms.....	328	6	55	5	5	9	5	14
..... acres.....	98 138	(D)	2 690	339	20	90	43	12 401
Land in orchards ..... farms.....	1 141	10	131	7	20	75	11	18
..... acres.....	74 921	(D)	6 615	94	71	3 792	(D)	1 172

See footnotes at end of table

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Farms ..... number .....	2 334	236	376	520	730	179	484	609
Land in farms ..... acres .....	1 391 456	1 906 756	7 687 460	3 194 736	1 958 489	346 266	2 358 559	272 399
Average size of farm ..... acres .....	596	8 079	20 445	6 144	2 683	1 934	4 873	447
Value of land and buildings <sup>1</sup>								
Average per farm ..... dollars .....	838 914	953 182	3 091 955	913 992	1 837 844	1 276 697	783 282	1 452 113
Average per acre ..... dollars .....	1 416	118	150	148	722	654	162	3 356
Estimated market value of all machinery and equipment <sup>1</sup>								
Average per farm ..... dollars .....	56 693	31 627	32 625	30 383	118 275	18 918	24 416	112 140
Farms by size								
1 to 9 acres .....	1 011	68	100	221	122	15	117	113
10 to 49 acres .....	527	41	66	112	75	29	102	190
50 to 179 acres .....	290	19	64	53	82	36	75	106
180 to 499 acres .....	233	15	25	29	161	34	44	78
500 to 999 acres .....	127	14	27	32	141	27	36	50
1,000 acres or more .....	146	79	94	73	149	38	110	72
Total cropland ..... farms .....	1 508	93	211	204	597	75	301	565
..... acres .....	423 836	21 399	24 762	39 369	339 104	9 928	28 043	222 532
Harvested cropland ..... farms .....	1 169	69	125	140	535	31	159	538
..... acres .....	269 748	10 130	4 878	25 125	186 567	(D)	3 720	186 954
Irrigated land ..... farms .....	1 442	83	154	170	562	42	240	548
..... acres .....	275 592	12 479	8 869	27 376	189 691	6 828	7 204	194 452
Market value of agricultural products sold ..... \$1,000 .....	548 789	13 504	29 060	56 669	402 557	6 741	19 482	356 150
Average per farm ..... dollars .....	235 128	57 222	77 288	108 978	551 448	37 659	40 253	584 812
Crops, including nursery and greenhouse crops ..... \$1,000 .....	308 606	6 079	1 315	35 597	173 701	447	1 595	256 493
Livestock, poultry, and their products ..... \$1,000 .....	240 183	7 425	27 746	21 072	228 857	6 294	17 887	99 657
Farms by value of sales								
Less than \$2,500 .....	865	79	151	231	107	43	194	120
\$2,500 to \$4,999 .....	221	26	57	69	51	20	48	47
\$5,000 to \$9,999 .....	196	36	56	56	33	29	56	58
\$10,000 to \$24,999 .....	186	31	39	46	29	29	57	74
\$25,000 to \$49,999 .....	134	20	29	30	47	21	42	53
\$50,000 to \$99,999 .....	131	17	16	13	70	17	34	60
\$100,000 or more .....	601	27	28	75	393	20	53	197
Operators by principal occupation								
Farming .....	1 040	112	143	205	509	95	238	319
Other .....	1 294	124	233	315	221	84	246	290
Operators by days worked off farm								
Any .....	1 398	136	262	333	328	103	263	334
200 days or more .....	1 033	93	170	242	224	63	170	240
Average age of operator ..... years .....	49.6	53.7	51.4	50.6	49.4	57.6	55.1	51.7
Total farm production expenses <sup>1</sup> ..... \$1,000 .....	438 282	10 639	20 619	41 627	326 361	5 414	18 533	282 787
Average per farm ..... dollars .....	187 540	45 082	54 694	80 053	446 458	30 416	38 370	463 586
Livestock and poultry								
Cattle and calves inventory ..... farms .....	693	146	303	191	192	137	332	66
..... number .....	210 759	34 773	57 684	47 133	268 994	24 895	72 881	(D)
Beef cows ..... farms .....	298	121	227	127	129	122	260	38
..... number .....	22 945	20 107	35 565	(D)	16 548	16 717	41 343	(D)
Milk cows ..... farms .....	164	15	46	18	29	15	36	7
..... number .....	72 799	78	195	(D)	5 573	31	209	(D)
Cattle and calves sold ..... farms .....	615	143	287	179	184	133	319	47
..... number .....	193 787	19 577	29 113	29 495	367 367	17 156	41 915	(D)
Hogs and pigs inventory ..... farms .....	85	17	21	29	28	7	29	17
..... number .....	15 470	200	80 506	276	8 493	60	222	(D)
Hogs and pigs sold ..... farms .....	57	12	17	24	17	4	23	14
..... number .....	27 267	303	124 041	502	16 167	29	440	(D)
Sheep and lambs inventory ..... farms .....	84	14	76	16	21	4	33	11
..... number .....	13 166	(D)	63 632	424	19 892	(D)	(D)	21 622
Chickens 3 months old or older inventory ..... farms .....	210	29	50	50	38	24	97	27
..... number .....	(D)	733	1 782	3 441	(D)	534	4 040	811
Broilers and other meat-type chickens sold ..... farms .....	11	-	2	3	-	-	-	-
..... number .....	(D)	-	(D)	110	-	-	(D)	-
Selected crops harvested								
Corn for grain or seed ..... farms .....	7	-	19	2	5	-	4	-
..... acres .....	413	-	127	(D)	406	-	91	-
..... bushels .....	40 362	-	5 943	(D)	46 006	-	11 706	-
Wheat for grain ..... farms .....	110	3	5	22	137	2	1	97
..... acres .....	29 163	373	124	2 034	19 332	(D)	(D)	28 024
..... bushels .....	2 771 453	29 405	1 649	150 142	1 408 286	(D)	(D)	2 629 648
Barley for grain ..... farms .....	57	1	1	5	56	-	1	20
..... acres .....	4 406	(D)	(D)	162	5 713	-	(D)	2 798
..... bushels .....	466 318	(D)	(D)	15 289	501 802	-	(D)	235 274
Cotton ..... farms .....	419	7	-	37	409	1	-	108
..... (D) .....	(D)	3 594	-	13 406	127 639	(D)	-	34 849
..... bales .....	402 753	9 852	-	29 531	354 634	(D)	-	97 177
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms .....	396	35	79	28	105	14	96	235
..... acres .....	48 023	5 779	2 098	1 772	14 588	1 754	2 891	43 476
..... tons, dry .....	253 544	37 713	5 758	7 904	64 473	4 952	7 203	291 439
Vegetables harvested for sale (see text) ..... farms .....	67	5	25	11	34	3	16	68
..... acres .....	22 683	(D)	1 372	2 376	5 613	(D)	169	49 796
Land in orchards ..... farms .....	365	31	16	43	81	16	61	256
..... acres .....	16 326	318	46	(D)	10 089	222	263	31 118

<sup>1</sup>Data are based on a sample of farms

Table 2. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987..	7 669	380	836	294	157	323	102	109
----- farms, 1982..	7 334	296	785	232	163	308	121	-
\$1,000, 1987..	1 628 544	17 594	53 920	15 402	5 290	30 462	4 960	67 963
----- farms, 1982..	1 526 915	13 549	45 510	12 866	3 597	30 495	3 863	-
Average per farm ----- dollars, 1987..	212 354	46 300	64 498	52 388	33 695	94 308	48 623	623 509
----- farms, 1982..	208 197	45 773	57 975	55 455	22 068	99 010	31 927	-
1987 value of sales								
Less than \$1,000 ----- farms..	1 458	75	142	75	23	36	13	14
----- farms, 1982..	325	26	31	33	6	5	3	3
\$1,000 to \$2,499 ----- farms..	1 036	74	97	69	22	34	20	10
----- farms, 1982..	1 689	122	156	115	34	59	34	16
\$2,500 to \$4,999 ----- farms..	820	71	99	27	33	30	15	6
----- farms, 1982..	2 902	253	347	93	124	114	48	21
\$5,000 to \$9,999 ----- farms..	775	55	109	34	16	28	7	6
----- farms, 1982..	5 427	386	777	230	121	205	47	49
\$10,000 to \$19,999 ----- farms..	587	28	91	27	12	41	8	4
----- farms, 1982..	8 261	405	1 230	(D)	168	570	(D)	59
\$20,000 to \$24,999 ----- farms..	170	9	21	2	6	8	5	4
----- farms, 1982..	3 759	200	463	(D)	135	175	(D)	91
\$25,000 to \$39,999 ----- farms..	392	17	61	15	18	20	10	5
----- farms, 1982..	12 293	556	1 906	(D)	564	629	(D)	160
\$40,000 to \$49,999 ----- farms..	191	10	24	4	13	4	4	-
----- farms, 1982..	8 508	(D)	1 068	(D)	175	555	(D)	-
\$50,000 to \$99,999 ----- farms..	533	20	78	9	10	37	12	9
----- farms, 1982..	37 946	(D)	5 671	(D)	791	2 514	(D)	558
\$100,000 to \$249,999 ----- farms..	681	8	69	15	8	41	5	16
----- farms, 1982..	110 799	(D)	10 959	2 455	1 091	6 324	(D)	2 443
\$250,000 to \$499,999 ----- farms..	471	6	24	7	4	21	1	15
----- farms, 1982..	165 649	(D)	8 185	2 144	(D)	7 334	(D)	5 241
\$500,000 or more ----- farms..	555	7	21	8	1	14	2	20
----- farms, 1982..	1 270 986	10 445	23 129	8 538	(D)	11 978	(D)	59 321
1982 value of sales <sup>1</sup>								
Less than \$1,000 ----- farms..	1 418	58	143	55	37	42	17	-
----- farms, 1982..	332	16	(D)	(D)	12	10	4	-
\$1,000 to \$2,499 ----- farms..	1 088	63	112	59	40	30	25	-
----- farms, 1982..	1 765	105	186	93	64	48	43	-
\$2,500 to \$4,999 ----- farms..	858	37	109	15	24	34	18	-
----- farms, 1982..	3 036	138	368	54	90	124	62	-
\$5,000 to \$9,999 ----- farms..	752	36	96	22	14	24	18	-
----- farms, 1982..	5 212	256	671	147	97	158	128	-
\$10,000 to \$19,999 ----- farms..	537	26	72	18	14	27	11	-
----- farms, 1982..	7 591	364	1 062	250	193	387	155	-
\$20,000 to \$24,999 ----- farms..	186	11	23	12	4	10	4	-
----- farms, 1982..	4 144	251	518	260	(D)	228	(D)	-
\$25,000 to \$39,999 ----- farms..	307	21	32	11	8	18	6	-
----- farms, 1982..	9 660	641	991	363	(D)	564	(D)	-
\$40,000 to \$49,999 ----- farms..	156	5	28	3	3	10	6	-
----- farms, 1982..	6 939	228	1 244	133	123	460	(D)	-
\$50,000 to \$99,999 ----- farms..	451	12	69	8	8	34	9	-
----- farms, 1982..	31 926	(D)	5 047	(D)	(D)	2 368	(D)	-
\$100,000 to \$249,999 ----- farms..	576	11	60	12	4	46	5	-
----- farms, 1982..	94 109	1 450	8 768	1 757	(D)	7 582	(D)	-
\$250,000 to \$499,999 ----- farms..	396	2	26	5	1	9	-	-
----- farms, 1982..	139 865	(D)	9 081	2 072	(D)	3 229	-	-
\$500,000 or more ----- farms..	529	3	14	5	-	15	2	-
----- farms, 1982..	1 182 870	(D)	17 537	5 147	-	13 107	(D)	-
Sales by commodity or commodity group.								
Crops, including nursery and greenhouse crops ----- farms, 1987..	2 939	58	237	15	22	171	27	79
----- farms, 1982..	2 898	65	226	24	25	153	36	-
\$1,000, 1987..	896 681	1 371	22 565	747	291	19 149	1 250	67 476
----- farms, 1982..	806 847	616	25 190	817	89	16 908	879	-
Grains ----- farms, 1987..	595	7	63	4	2	39	11	18
----- farms, 1982..	845	24	83	9	-	69	13	-
\$1,000, 1987..	35 282	119	2 547	(D)	(D)	1 512	369	2 098
----- farms, 1982..	60 549	64	4 277	51	-	3 530	267	-
Corn for grain ----- farms, 1987..	108	3	48	3	1	13	10	3
----- farms, 1982..	79	16	31	5	-	13	2	-
\$1,000, 1987..	3 412	(D)	2 159	(D)	(D)	724	167	(D)
----- farms, 1982..	4 115	47	2 195	19	-	1 558	(D)	-
Wheat ----- farms, 1987..	432	2	18	1	1	17	7	18
----- farms, 1982..	531	5	18	3	-	26	9	-
\$1,000, 1987..	27 541	(D)	220	(D)	(D)	377	153	2 000
----- farms, 1982..	43 548	12	323	(D)	-	812	201	-
Soybeans ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
Sorghum for grain ----- farms, 1987..	36	1	6	-	-	7	1	1
----- farms, 1982..	103	1	21	-	-	20	5	-
\$1,000, 1987..	516	(D)	(D)	-	-	107	(D)	(D)
----- farms, 1982..	1 914	(D)	368	-	-	308	38	-
Barley ----- farms, 1987..	161	1	-	-	1	18	5	1
----- farms, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	3 243	(D)	-	-	(D)	186	(D)	(D)
----- farms, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987..	22	2	6	-	1	5	-	-
----- farms, 1982..	35	1	14	2	-	10	1	-
\$1,000, 1987..	224	(D)	90	-	(D)	(D)	-	-
----- farms, 1982..	848	(D)	453	(D)	-	301	(D)	-
Other grains <sup>2</sup> ----- farms, 1987..	14	-	2	-	-	2	1	-
----- farms, 1982..	295	2	30	4	-	32	3	-
\$1,000, 1987..	347	(D)	-	-	-	(D)	(D)	-
----- farms, 1982..	10 124	(D)	938	(D)	-	551	(D)	-

See footnotes at end of table

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987 .....	2 334	236	376	520	730	179	484	609
----- farms, 1982 .....	2 403	223	331	539	605	133	474	721
\$1,000, 1987 .....	548 789	13 504	29 060	56 669	402 557	6 741	19 482	356 150
----- farms, 1982 .....	627 557	14 378	28 208	45 141	323 753	4 343	18 295	355 361
Average per farm ----- dollars, 1987 .....	235 128	57 222	77 286	108 978	551 448	37 659	40 253	584 812
----- dollars, 1982 .....	261 155	64 476	85 221	83 749	535 128	32 657	38 597	492 872
1987 value of sales								
Less than \$1,000 ----- farms .....	545	47	93	140	46	20	103	84
----- farms, \$1,000 .....	99	8	39	23	9	2	24	13
\$1,000 to \$2,499 ----- farms .....	320	32	58	91	59	23	91	36
----- farms, \$1,000 .....	512	54	98	140	95	42	154	59
\$2,500 to \$4,999 ----- farms .....	221	26	57	69	51	20	48	47
----- farms, \$1,000 .....	776	93	195	241	187	75	169	166
\$5,000 to \$9,999 ----- farms .....	196	36	56	58	33	29	56	58
----- farms, \$1,000 .....	1 355	242	407	368	239	194	404	405
\$10,000 to \$19,999 ----- farms .....	141	23	36	32	23	18	43	60
----- farms, \$1,000 .....	1 968	338	512	434	331	229	619	879
\$20,000 to \$24,999 ----- farms .....	45	8	3	14	6	11	14	14
----- farms, \$1,000 .....	980	175	65	318	133	247	304	325
\$25,000 to \$39,999 ----- farms .....	98	14	17	21	22	16	29	29
----- farms, \$1,000 .....	3 093	431	525	649	681	505	899	903
\$40,000 to \$49,999 ----- farms .....	36	6	12	9	25	5	13	24
----- farms, \$1,000 .....	1 580	(D)	516	403	1 114	(D)	584	1 107
\$50,000 to \$99,999 ----- farms .....	131	17	16	13	70	17	34	60
----- farms, \$1,000 .....	9 394	(D)	1 171	878	5 456	(D)	2 365	3 969
\$100,000 to \$249,999 ----- farms .....	207	14	13	36	139	18	39	53
----- farms, \$1,000 .....	33 731	(D)	2 355	5 974	23 287	(D)	6 161	8 538
\$250,000 to \$499,999 ----- farms .....	159	8	5	21	134	1	8	57
----- farms, \$1,000 .....	55 706	(D)	1 640	7 149	47 859	(D)	3 042	20 520
\$500,000 or more ----- farms .....	235	5	10	18	120	1	6	87
----- farms, \$1,000 .....	439 596	5 694	21 537	40 092	323 166	(D)	4 758	319 268
1982 value of sales <sup>1</sup> :								
Less than \$1,000 ----- farms .....	510	55	84	135	66	28	123	65
----- farms, \$1,000 .....	110	10	23	27	20	5	(D)	11
\$1,000 to \$2,499 ----- farms .....	387	34	60	103	42	15	64	54
----- farms, \$1,000 .....	633	55	99	163	64	23	106	83
\$2,500 to \$4,999 ----- farms .....	284	26	43	86	43	15	55	69
----- farms, \$1,000 .....	1 001	88	152	309	153	51	198	248
\$5,000 to \$9,999 ----- farms .....	224	23	44	54	43	17	59	78
----- farms, \$1,000 .....	1 557	173	325	367	295	119	393	526
\$10,000 to \$19,999 ----- farms .....	134	25	28	33	36	14	38	61
----- farms, \$1,000 .....	1 891	345	404	454	515	188	513	871
\$20,000 to \$24,999 ----- farms .....	46	12	8	13	6	2	18	17
----- farms, \$1,000 .....	1 011	(D)	172	(D)	134	(D)	394	392
\$25,000 to \$39,999 ----- farms .....	72	5	16	13	22	13	36	34
----- farms, \$1,000 .....	2 305	(D)	489	(D)	683	(D)	1 084	1 065
\$40,000 to \$49,999 ----- farms .....	34	1	5	9	17	4	16	15
----- farms, \$1,000 .....	1 500	(D)	224	393	764	(D)	689	681
\$50,000 to \$99,999 ----- farms .....	117	12	12	23	53	14	23	57
----- farms, \$1,000 .....	8 090	(D)	803	1 616	3 910	(D)	1 528	3 949
\$100,000 to \$249,999 ----- farms .....	162	11	10	28	91	8	28	80
----- farms, \$1,000 .....	31 175	1 552	1 515	4 561	15 079	1 093	4 004	14 090
\$250,000 to \$499,999 ----- farms .....	152	6	7	14	7	3	8	83
----- farms, \$1,000 .....	54 191	1 834	2 465	4 808	27 961	1 082	2 409	29 717
\$500,000 or more ----- farms .....	253	9	5	17	97	-	6	103
----- farms, \$1,000 .....	523 022	8 390	12 580	28 750	265 100	-	6 939	298 739
<b>Sales by commodity or commodity group</b>								
Crops, including nursery and greenhouse crops ----- farms, 1987 .....	1 004	39	74	114	504	16	79	500
----- farms, 1982 .....	1 051	29	74	122	388	16	78	611
\$1,000, 1987 .....	308 606	6 079	1 315	35 597	173 701	447	1 595	256 493
----- farms, 1982 .....	317 880	5 019	1 604	24 313	136 133	378	835	276 186
Grains ----- farms, 1987 .....	144	4	14	19	162	2	4	102
----- farms, 1982 .....	215	6	15	35	194	2	9	171
\$1,000, 1987 .....	11 962	125	14	612	6 327	(D)	(D)	9 442
----- farms, 1982 .....	17 839	233	39	2 566	(D)	(D)	43	18 143
Corn for grain ----- farms, 1987 .....	7	-	11	2	4	-	3	-
----- farms, 1982 .....	4	-	3	1	2	-	2	-
\$1,000, 1987 .....	89	-	6	(D)	(D)	-	(D)	-
----- farms, 1982 .....	(D)	-	(D)	(D)	(D)	-	(D)	-
Wheat ----- farms, 1987 .....	109	3	3	16	137	2	1	97
----- farms, 1982 .....	134	4	11	23	135	1	6	156
\$1,000, 1987 .....	10 581	(D)	(D)	508	4 823	(D)	(D)	8 622
----- farms, 1982 .....	13 590	(D)	24	2 032	9 664	(D)	24	16 669
Soybeans ----- farms, 1987 .....	-	-	-	-	-	-	-	-
----- farms, 1982 .....	-	-	-	-	-	-	-	-
\$1,000, 1987 .....	-	-	-	-	-	-	-	-
----- farms, 1982 .....	-	-	-	-	-	-	-	-
Sorghum for grain ----- farms, 1987 .....	5	-	1	5	7	-	-	2
----- farms, 1982 .....	18	2	-	13	18	-	1	4
\$1,000, 1987 .....	89	-	(D)	68	98	-	-	(D)
----- farms, 1982 .....	383	(D)	-	380	251	-	(D)	(D)
Barley ----- farms, 1987 .....	56	-	-	5	55	-	-	19
----- farms, 1982 .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987 .....	1 093	-	-	(D)	1 153	-	-	726
----- farms, 1982 .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987 .....	4	1	-	-	2	-	-	1
----- farms, 1982 .....	1	-	1	1	-	-	-	3
\$1,000, 1987 .....	(D)	(D)	-	-	(D)	-	-	(D)
----- farms, 1982 .....	(D)	-	(D)	(D)	(D)	-	-	(D)
Other grains <sup>2</sup> ----- farms, 1987 .....	3	-	-	-	4	-	-	2
----- farms, 1982 .....	104	2	1	6	81	1	-	29
\$1,000, 1987 .....	-	-	-	-	157	-	-	(D)
----- farms, 1982 .....	3 640	(D)	(D)	(D)	3 519	(D)	-	1 286

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con								
Sales by commodity or commodity group—Con								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ----- farms, 1987 ..	1 197	-	85	-	1	85	12	33
1982 ..	1 175	-	93	-	-	97	8	-
\$1,000, 1987 ..	361 558	-	9 357	-	(D)	14 589	(D)	14 666
1982 ..	358 033	-	9 523	-	-	12 274	414	-
Tobacco ----- farms, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	-	-	-	-	-	-
\$1,000, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms, 1987 ..	981	51	58	6	4	59	11	57
1982 ..	1 099	31	83	8	4	48	22	-
\$1,000, 1987 ..	74 244	500	1 663	12	(D)	1 078	101	19 675
1982 ..	61 537	334	3 073	102	9	887	119	-
Vegetables, sweet corn, and melons ----- farms, 1987 ..	328	6	55	5	5	9	5	14
1982 ..	339	24	60	10	5	12	8	-
\$1,000, 1987 ..	240 925	(D)	6 767	503	13	(D)	(D)	30 019
1982 ..	202 292	190	7 235	392	15	(D)	75	-
Fruits, nuts, and berries ----- farms, 1987 ..	798	1	81	2	10	49	3	12
1982 ..	694	4	23	5	15	20	2	-
\$1,000, 1987 ..	111 422	(D)	1 992	(D)	12	1 796	(D)	665
1982 ..	84 800	(D)	977	131	33	122	(D)	-
Nursery and greenhouse crops ----- farms, 1987 ..	211	1	9	2	6	1	-	1
1982 ..	163	1	11	-	8	2	-	-
\$1,000, 1987 ..	61 053	(D)	(D)	(D)	47	(D)	-	(D)
1982 ..	22 493	(D)	(D)	-	32	(D)	-	-
Other crops ----- farms, 1987 ..	79	2	1	1	-	1	-	2
1982 ..	142	2	2	3	-	-	1	-
\$1,000, 1987 ..	12 197	(D)	(D)	(D)	-	(D)	-	(D)
1982 ..	17 144	(D)	(D)	141	-	-	(D)	-
Livestock, poultry, and their products ----- farms, 1987 ..	4 494	342	591	264	132	191	78	33
1982 ..	4 490	247	568	215	142	196	91	-
\$1,000, 1987 ..	731 863	16 223	31 355	14 655	4 999	11 313	3 710	487
1982 ..	720 068	12 932	20 320	12 048	3 508	13 587	2 984	-
Poultry and poultry products ----- farms, 1987 ..	257	10	33	12	1	5	4	1
1982 ..	430	17	33	18	15	11	7	-
\$1,000, 1987 ..	4 553	16	19	9	(D)	(Z)	1	(D)
1982 ..	5 235	(D)	14	9	15	3	2	-
Dairy products ----- farms, 1987 ..	169	6	5	1	3	4	2	-
1982 ..	238	4	16	3	2	7	-	-
\$1,000, 1987 ..	168 400	(D)	594	(D)	(D)	(D)	(D)	-
1982 ..	151 702	(D)	804	(D)	(D)	(D)	(D)	-
Cattle and calves ----- farms, 1987 ..	3 302	293	510	213	121	168	71	19
1982 ..	3 346	219	482	163	121	158	75	-
\$1,000, 1987 ..	506 565	12 334	23 619	12 736	4 745	6 541	2 502	224
1982 ..	502 402	8 352	14 051	10 137	3 450	8 491	2 006	-
Hogs and pigs ----- farms, 1987 ..	242	2	47	2	2	11	5	5
1982 ..	379	6	53	14	5	24	5	-
\$1,000, 1987 ..	26 953	(D)	5 073	(D)	(D)	2 240	13	(D)
1982 ..	29 478	8	5 179	9	(D)	3 790	195	-
Sheep, lambs, and wool ----- farms, 1987 ..	422	69	24	76	-	16	5	3
1982 ..	409	51	24	74	2	11	9	-
\$1,000, 1987 ..	9 245	2 613	1 037	963	-	(D)	(D)	(D)
1982 ..	11 942	3 049	29	1 469	(D)	3	4	-
Other livestock and livestock products (see text) ----- farms, 1987 ..	1 449	59	113	80	21	29	7	15
1982 ..	1 278	46	105	74	27	34	15	-
\$1,000, 1987 ..	16 148	1 234	1 013	944	207	115	8	49
1982 ..	19 309	1 456	242	(D)	(D)	(D)	(D)	-
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	71	2	17	2	-	9	7	1
Field crops, except cash grains (013) -----	1 540	27	82	5	2	87	11	61
Cotton (0131) -----	1 016	-	51	-	-	76	7	19
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	524	27	31	5	2	11	4	42
Vegetables and melons (016) -----	175	1	31	2	2	1	2	4
Fruits and tree nuts (017) -----	780	-	76	-	9	47	2	14
Horticultural specialties (018) -----	182	1	4	2	6	1	-	1
General farms, primarily crop (019) -----	98	2	11	3	1	5	3	3
Livestock, except dairy, poultry, and animal specialties (021) -----	3 190	305	520	234	115	148	71	15
Beef cattle, except feedlots (0212) -----	2 641	252	465	190	112	129	69	9
Dairy farms (024) -----	142	2	5	-	1	1	1	-
Poultry and eggs (025) -----	67	2	3	5	-	2	1	-
Animal specialties (027) -----	1 351	30	78	38	20	15	4	10
General farms, primarily livestock and animal specialties (029) -----	73	8	9	3	1	7	-	-

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed .....								
farms, 1987 .....	419	7	-	37	409	1	-	108
1982 .....	420	7	-	51	289	-	-	210
\$1,000, 1987 .....	141 771	3 168	-	11 344	131 764	(D)	-	34 087
1982 .....	149 294	2 408	-	10 400	98 843	-	-	74 876
Tobacco .....								
farms, 1987 .....	-	-	-	-	-	-	-	-
1982 .....	-	-	-	-	-	-	-	-
\$1,000, 1987 .....	-	-	-	-	-	-	-	-
1982 .....	-	-	-	-	-	-	-	-
Hay, silage, and field seeds .....								
farms, 1987 .....	307	17	34	17	89	6	34	231
1982 .....	377	15	42	28	97	9	44	291
\$1,000, 1987 .....	19 075	2 612	186	(D)	4 353	336	194	23 905
1982 .....	18 877	1 870	412	435	3 512	284	409	31 214
Vegetables, sweet corn, and melons .....								
farms, 1987 .....	67	5	25	11	34	3	16	68
1982 .....	82	8	20	17	27	3	15	48
\$1,000, 1987 .....	60 234	(D)	966	10 376	7 805	(D)	190	123 076
1982 .....	75 794	(D)	(D)	2 287	7 873	(D)	83	106 705
Fruits, nuts, and berries .....								
farms, 1987 .....	280	16	11	31	54	6	29	213
1982 .....	298	9	4	23	41	4	20	226
\$1,000, 1987 .....	28 240	87	23	(D)	11 554	74	81	57 891
1982 .....	29 530	8	6	(D)	5 733	3	9	40 850
Nursery and greenhouse crops .....								
farms, 1987 .....	104	2	6	35	18	-	8	18
1982 .....	84	1	5	24	6	-	7	14
\$1,000, 1987 .....	40 685	(D)	56	3 854	10 120	-	(D)	4 665
1982 .....	17 432	(D)	(D)	(D)	(D)	-	(D)	1 910
Other crops .....								
farms, 1987 .....	21	-	9	-	5	-	-	37
1982 .....	62	-	5	-	29	-	3	35
\$1,000, 1987 .....	6 638	-	51	-	1 778	-	-	3 427
1982 .....	9 114	-	82	-	5 268	-	(D)	2 487
Livestock, poultry, and their products .....								
farms, 1987 .....	1 108	181	330	343	252	158	397	94
1982 .....	1 300	176	283	375	283	103	384	127
\$1,000, 1987 .....	240 183	7 425	27 746	21 072	228 857	6 294	17 887	99 657
1982 .....	309 677	9 359	26 604	20 828	187 620	3 965	17 460	79 175
Poultry and poultry products .....								
farms, 1987 .....	81	5	13	27	15	6	35	9
1982 .....	151	18	32	55	25	5	32	11
\$1,000, 1987 .....	(D)	(D)	12	(D)	(D)	2	(D)	4
1982 .....	3 985	9	8	30	(D)	2	187	2
Dairy products .....								
farms, 1987 .....	114	1	6	4	14	1	5	3
1982 .....	154	4	15	9	6	-	11	5
\$1,000, 1987 .....	141 680	(D)	239	(D)	11 849	(D)	(D)	(D)
1982 .....	132 040	(D)	353	(D)	(D)	-	(D)	(D)
Cattle and calves .....								
farms, 1987 .....	615	143	287	179	184	133	319	47
1982 .....	852	145	224	213	205	95	317	77
\$1,000, 1987 .....	84 791	7 112	10 755	10 152	212 408	6 142	15 797	96 705
1982 .....	156 466	6 919	10 888	10 560	178 385	3 843	13 877	74 977
Hogs and pigs .....								
farms, 1987 .....	57	12	17	24	17	4	23	14
1982 .....	92	15	28	59	37	2	20	19
\$1,000, 1987 .....	2 920	26	14 249	55	1 959	3	62	(D)
1982 .....	3 016	(D)	12 467	104	2 166	(D)	166	1 443
Sheep, lambs, and wool .....								
farms, 1987 .....	68	11	73	15	18	3	31	10
1982 .....	84	6	46	32	19	5	35	11
\$1,000, 1987 .....	(D)	(D)	839	20	(D)	(D)	374	1 533
1982 .....	3 107	(D)	935	39	871	(D)	(D)	1 707
Other livestock and livestock products (see text) .....								
farms, 1987 .....	536	63	87	172	77	39	116	35
1982 .....	503	44	57	166	60	25	92	30
\$1,000, 1987 .....	6 999	115	1 652	907	910	144	1 229	619
1982 .....	11 063	(D)	1 953	(D)	386	112	(D)	(D)
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	12	-	2	5	3	1	-	10
Field crops, except cash grains (013) .....	546	17	17	36	417	3	17	212
Cotton (0131) .....	373	7	-	29	394	-	-	60
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	173	10	17	7	23	3	17	152
Vegetables and melons (016) .....	36	1	6	6	15	1	12	55
Fruits and tree nuts (017) .....	297	17	5	28	42	9	26	208
Horticultural specialties (018) .....	97	1	5	32	16	-	8	8
General farms, primarily crop (019) .....	31	-	7	1	6	1	1	23
Livestock, except dairy, poultry, and animal specialties (021) .....	503	150	280	192	155	132	322	48
Beef cattle, except feedlots (0212) .....	356	132	228	154	114	124	283	24
Dairy farms (024) .....	111	1	4	4	9	-	2	1
Poultry and eggs (025) .....	21	1	5	9	5	1	11	1
Animal specialties (027) .....	663	45	36	204	59	31	79	39
General farms, primarily livestock and animal specialties (029) .....	17	3	9	3	3	-	6	4

<sup>1</sup>Data for 1982 exclude abnormal farms

<sup>2</sup>Data for 1982 include market value of barley sold

**Table 3. Farm Production Expenses: 1987 and 1982**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

Item		Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
Total farm production expenses .....	farms, 1987..	7 673	379	837	294	157	323	102	109
	\$1,000, 1987..	1 301 666	14 945	42 365	11 161	5 028	25 638	3 737	54 529
Average per farm .....	dollars, 1987..	169 642	39 434	50 615	37 961	32 028	79 374	36 635	500 270
Livestock and poultry purchased .....	farms, 1987..	2 343	139	274	57	83	99	30	7
	1982..	2 783	204	316	111	71	150	60	-
	\$1,000, 1987..	244 484	4 480	6 442	2 544	987	1 537	184	17
	1982..	250 356	1 453	4 160	2 805	874	3 632	406	-
Feed for livestock and poultry .....	farms, 1987..	4 084	246	466	185	119	150	76	23
	1982..	4 464	255	552	198	149	206	89	-
	\$1,000, 1987..	208 527	2 338	4 209	1 936	907	2 118	747	(D)
	1982..	237 766	2 636	4 845	1 234	565	4 066	558	-
Commercially mixed formula feeds .....	farms, 1987..	1 567	79	128	61	30	42	17	6
	1982..	1 787	96	215	74	42	42	17	-
	\$1,000, 1987..	60 742	229	623	197	(D)	680	(D)	2
	1982..	82 489	456	1 472	368	68	1 728	297	-
Seeds, bulbs, plants, and trees .....	farms, 1987..	2 374	79	209	15	22	124	40	74
	1982..	2 459	65	234	30	26	124	56	-
	\$1,000, 1987..	17 741	84	675	13	(D)	454	46	1 476
	1982..	13 718	68	741	47	6	544	48	-
Commercial fertilizer <sup>1</sup> .....	farms, 1987..	3 075	117	242	25	24	168	38	90
	1982..	3 000	75	237	26	40	150	53	-
	\$1,000, 1987..	51 672	353	1 830	80	34	1 098	116	4 199
	1982..	60 308	85	2 513	142	9	1 219	90	-
Agricultural chemicals <sup>1</sup> .....	farms, 1987..	3 253	19	261	40	29	177	40	95
	1982..	2 346	32	172	14	26	114	29	-
	\$1,000, 1987..	60 366	28	1 785	14	21	1 674	99	5 491
	1982..	60 000	5	1 627	9	5	1 083	23	-
Petroleum products .....	farms, 1987..	6 896	346	747	273	146	295	97	109
	1982..	7 182	291	776	233	163	310	121	-
	\$1,000, 1987..	44 554	733	3 402	805	428	2 053	264	2 609
	1982..	62 705	1 028	6 324	1 189	365	2 921	(D)	-
Gasoline and gasohol .....	farms, 1987..	5 923	304	639	248	135	247	83	100
	1982..	6 631	291	688	224	152	265	101	-
	\$1,000, 1987..	16 532	466	1 046	611	285	844	114	842
	1982..	20 422	826	1 191	907	227	841	123	-
Diesel fuel .....	farms, 1987..	3 603	154	314	66	60	169	51	84
	1982..	3 364	34	305	62	90	177	57	-
	\$1,000, 1987..	19 590	156	1 105	94	83	766	89	1 465
	1982..	24 272	92	1 150	103	65	1 130	99	-
Natural gas .....	farms, 1987..	505	27	125	5	4	47	9	3
	1982..	532	6	122	5	5	50	11	-
	\$1,000, 1987..	3 600	12	926	8	3	269	26	15
	1982..	10 516	1	3 453	5	2	611	(D)	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ....	farms, 1987..	4 805	217	566	177	113	256	70	107
	1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 1987..	4 833	98	325	92	58	174	34	288
	1982..	7 495	109	529	174	72	339	(D)	-
Electricity .....	farms, 1987..	4 870	215	660	44	82	253	77	66
	1982..	4 388	136	569	133	96	191	81	-
	\$1,000, 1987..	38 289	350	2 029	72	89	742	105	1 408
	1982..	47 308	130	2 433	158	57	907	97	-
Hired farm labor .....	farms, 1987..	3 582	136	377	76	56	208	52	75
	1982..	3 497	134	312	74	62	171	65	-
	\$1,000, 1987..	207 689	2 458	5 581	1 657	640	4 670	444	14 108
	1982..	156 401	1 493	4 198	1 174	399	3 216	282	-
Contract labor .....	farms, 1987..	1 728	96	156	40	26	68	20	52
	1982..	1 032	12	85	6	7	28	9	-
	\$1,000, 1987..	40 353	245	1 085	43	47	338	104	2 672
	1982..	31 239	34	1 524	(D)	9	107	62	-
Repair and maintenance .....	farms, 1987..	6 001	275	669	227	132	245	70	96
	\$1,000, 1987..	53 723	623	2 844	601	255	1 898	276	2 928
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> .....	farms, 1987..	2 488	99	196	40	17	129	37	76
	1982..	1 950	57	138	36	16	89	35	-
	\$1,000, 1987..	35 038	122	978	16	(D)	657	138	1 760
	1982..	44 487	29	1 108	50	17	635	43	-
Interest paid <sup>3</sup> .....	farms, 1987..	3 465	137	402	74	57	175	48	71
	1982..	3 120	102	352	47	46	133	52	-
	\$1,000, 1987..	74 553	1 086	4 327	901	608	2 633	284	3 929
	1982..	100 153	1 485	5 707	991	547	2 201	333	-
Interest paid on debt .....	farms, 1987..	2 295	103	321	64	44	124	32	15
Secured by real estate .....	\$1,000, 1987..	47 071	753	2 714	580	486	2 018	(D)	1 922
Not secured by real estate .....	farms, 1987..	1 761	39	183	33	22	106	20	59
	\$1,000, 1987..	27 482	332	1 613	321	122	615	(D)	2 007
Cash rent .....	farms, 1987..	1 780	75	151	54	14	41	16	75
	\$1,000, 1987..	46 666	351	1 340	703	21	1 128	189	6 243
Property taxes paid .....	farms, 1987..	6 788	349	780	239	144	303	98	65
	\$1,000, 1987..	21 154	285	1 387	543	195	660	112	(D)
All other farm production expenses .....	farms, 1987..	7 078	327	799	234	143	304	97	109
	\$1,000, 1987..	156 858	1 399	4 441	1 233	765	3 979	629	7 195

See footnotes at end of table



Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total farm production expenses ----- farms, 1987 ..	2 337	236	377	520	731	178	483	610
\$1,000, 1987 ..	438 282	10 639	20 619	41 627	326 361	5 414	18 533	282 787
Average per farm ----- dollars, 1987 ..	187 540	45 082	54 694	80 053	446 458	30 416	38 370	463 586
Livestock and poultry purchased ----- farms, 1987 ..	712	89	163	182	145	68	215	80
1982 ..	909	81	132	257	167	46	212	67
\$1,000, 1987 ..	44 654	725	1 998	1 816	122 977	1 029	3 467	51 626
1982 ..	95 089	1 556	2 150	3 971	90 236	1 241	5 541	37 240
Feed for livestock and poultry ----- farms, 1987 ..	1 162	169	293	365	215	139	379	97
1982 ..	1 323	170	269	415	286	103	376	73
\$1,000, 1987 ..	89 336	(D)	6 111	7 849	54 902	640	2 758	(D)
1982 ..	106 281	1 870	8 298	7 791	65 496	610	2 628	30 889
Commercially mixed formula feeds ----- farms, 1987 ..	523	64	99	155	112	43	160	48
1982 ..	615	58	124	203	91	38	142	30
\$1,000, 1987 ..	41 783	246	2 919	2 899	8 170	175	911	1 340
1982 ..	38 167	711	478	2 085	13 568	168	901	2 031
Seeds, bulbs, plants, and trees ----- farms, 1987 ..	769	25	72	84	479	19	96	267
1982 ..	835	29	116	114	348	19	90	373
\$1,000, 1987 ..	6 515	(D)	56	1 138	(D)	12	68	(D)
1982 ..	5 483	110	190	480	2 485	21	57	3 445
Commercial fertilizer <sup>1</sup> ----- farms, 1987 ..	1 007	29	101	105	505	22	135	467
1982 ..	1 069	51	114	104	505	22	115	556
\$1,000, 1987 ..	15 250	290	196	1 442	10 566	30	123	16 065
1982 ..	20 631	626	332	1 456	11 729	36	127	21 315
Agricultural chemicals <sup>1</sup> ----- farms, 1987 ..	1 103	74	105	135	526	27	135	487
1982 ..	858	27	40	96	338	15	87	498
\$1,000, 1987 ..	18 323	329	38	1 204	13 501	53	109	17 698
1982 ..	22 255	423	18	1 625	11 268	19	40	21 600
Petroleum products ----- farms, 1987 ..	2 013	221	333	445	703	153	446	569
1982 ..	2 337	223	331	521	600	131	475	670
\$1,000, 1987 ..	12 815	673	1 769	1 354	8 213	325	1 183	7 929
1982 ..	20 279	1 095	1 158	3 055	(D)	333	1 107	12 581
Gasoline and gasohol ----- farms, 1987 ..	1 696	167	299	377	582	143	400	503
1982 ..	2 153	193	326	510	555	125	420	628
\$1,000, 1987 ..	4 283	389	1 171	501	2 372	206	670	2 734
1982 ..	6 630	500	800	936	2 718	203	735	3 784
Diesel fuel ----- farms, 1987 ..	1 119	122	137	202	534	42	201	348
1982 ..	1 179	79	148	233	384	34	180	402
\$1,000, 1987 ..	6 521	220	398	556	4 102	54	254	3 726
1982 ..	8 395	383	193	754	5 205	41	176	6 485
Natural gas ----- farms, 1987 ..	159	2	5	42	38	6	5	28
1982 ..	69	9	3	118	88	5	10	31
\$1,000, 1987 ..	711	(D)	3	134	691	(D)	15	774
1982 ..	2 721	61	(D)	1 108	(D)	7	15	911
LP gas, fuel oil, kerosene, motor oil, grease, etc ----- farms, 1987 ..	1 256	133	237	235	587	114	304	433
1982 ..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987 ..	1 300	(D)	196	164	1 048	(D)	244	695
1982 ..	2 534	152	(D)	256	1 496	82	181	1 401
Electricity ----- farms, 1987 ..	1 473	160	183	397	540	123	268	329
1982 ..	1 254	139	208	279	452	83	291	476
\$1,000, 1987 ..	15 403	389	515	1 698	10 518	173	350	4 449
1982 ..	18 841	630	363	1 559	15 149	181	477	6 327
Hired farm labor ----- farms, 1987 ..	1 097	78	124	173	525	76	214	315
1982 ..	1 084	109	110	238	441	76	232	389
\$1,000, 1987 ..	77 735	2 052	4 040	8 961	34 584	1 131	2 588	47 040
1982 ..	62 912	1 773	1 267	4 928	22 044	605	1 444	50 665
Contract labor ----- farms, 1987 ..	512	33	29	72	270	29	99	226
1982 ..	436	9	14	65	100	14	30	207
\$1,000, 1987 ..	14 517	131	124	312	5 879	126	220	14 499
1982 ..	16 118	(D)	23	467	4 245	54	40	8 436
Repair and maintenance ----- farms, 1987 ..	1 730	203	302	393	611	144	416	488
1982 ..	19 666	942	848	1 802	10 739	416	1 174	8 710
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987 ..	760	19	118	109	373	36	112	367
1982 ..	677	25	36	74	240	20	66	441
\$1,000, 1987 ..	14 056	(D)	91	733	6 696	37	102	9 494
1982 ..	10 840	365	131	574	5 690	28	104	24 873
Interest paid <sup>3</sup> ----- farms, 1987 ..	1 092	89	78	203	421	49	214	355
1982 ..	1 030	91	62	144	344	34	191	492
\$1,000, 1987 ..	28 908	1 396	1 058	2 100	9 446	240	2 312	15 326
1982 ..	36 786	1 508	1 954	4 705	15 365	238	2 254	26 079
Interest paid on debt: ----- farms, 1987 ..	693	62	46	135	184	33	180	259
Secured by real estate ----- farms, 1987 ..	17 288	906	626	1 259	4 783	(D)	1 336	11 855
1982 ..	563	34	42	91	307	21	61	180
\$1,000, 1987 ..	11 620	490	232	841	4 663	(D)	976	3 471
Cash rent ----- farms, 1987 ..	564	7	61	118	335	38	57	174
1982 ..	15 970	(D)	479	904	7 894	100	435	(D)
Property taxes paid ----- farms, 1987 ..	2 037	232	348	456	542	174	475	546
1982 ..	6 873	(D)	621	853	(D)	363	948	(D)
All other farm production expenses ----- farms, 1987 ..	2 145	214	338	479	701	169	439	580
1982 ..	58 262	1 647	2 676	9 459	24 360	740	2 696	37 377

<sup>1</sup>Data for 1987 include cost of custom applications

<sup>2</sup>Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals

<sup>3</sup>Data for 1982 do not include imputation for item nonresponse

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>NET CASH RETURN</b>								
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> .....								
farms, 1987 .....	7 673	379	837	294	157	323	102	109
\$1,000, 1987 .....	306 975	1 798	11 508	3 086	385	4 125	1 408	15 257
Average per farm .....	40 007	4 743	13 749	10 497	2 453	12 772	13 804	139 974
Farms with net gains <sup>2</sup> .....								
number, 1987 .....	3 558	139	449	135	61	128	58	54
\$1,000, 1987 .....	345 281	3 028	14 819	4 077	968	6 285	1 684	16 543
Average per farm .....	97 044	21 783	33 005	30 203	15 869	49 099	29 040	306 350
Farms with net losses .....								
number, 1987 .....	4 115	240	388	159	96	195	44	55
\$1,000, 1987 .....	38 306	1 230	3 311	991	583	2 159	276	1 286
Average per farm .....	9 309	5 127	8 534	6 235	6 073	11 074	6 281	23 377
<b>GOVERNMENT PAYMENTS</b>								
Total received .....								
farms, 1987 .....	1 194	13	127	7	1	80	18	29
\$1,000, 1987 .....	58 034	231	3 224	(D)	(D)	2 256	325	1 989
Average per farm .....	48 604	17 746	25 386	(D)	(D)	28 196	18 068	68 594
Amount received in cash .....								
farms, 1987 .....	1 106	12	124	6	1	75	17	28
\$1,000, 1987 .....	35 021	(D)	1 858	(D)	(D)	1 558	156	1 202
Value of commodity certificates received .....								
farms, 1987 .....	959	2	102	1	1	67	17	24
\$1,000, 1987 .....	23 013	(D)	1 366	(D)	(D)	698	169	787
<b>OTHER FARM-RELATED INCOME</b>								
Gross before taxes and expenses <sup>1</sup> .....								
farms, 1987 .....	942	15	135	9	15	29	13	17
\$1,000, 1987 .....	10 889	14	1 371	89	45	362	95	198
Average per farm .....	11 559	947	10 158	9 847	3 025	12 480	7 309	11 640
Customwork and other agricultural services <sup>3</sup> .....								
farms, 1987 .....	425	13	76	-	1	11	10	10
1982 .....	357	8	41	5	-	21	10	-
\$1,000, 1987 .....	3 631	11	370	-	(D)	31	86	(D)
1982 .....	8 865	(D)	678	(D)	-	132	27	-
Rental of farmland .....								
farms, 1987 .....	326	2	42	3	10	15	-	6
\$1,000, 1987 .....	5 273	(D)	266	(D)	21	308	-	4
Sales of forest products and Christmas trees .....								
farms, 1987 .....	29	-	9	-	-	1	-	1
\$1,000, 1987 .....	682	-	(D)	-	-	(D)	-	(D)
Other farm-related income sources .....								
farms, 1987 .....	215	1	11	6	4	4	3	-
\$1,000, 1987 .....	1 303	(D)	(D)	(D)	(D)	(D)	9	-
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total .....								
farms, 1987 .....	242	-	31	-	-	20	1	4
1982 .....	345	-	44	-	-	33	4	-
\$1,000, 1987 .....	13 464	-	1 184	-	-	676	(D)	214
1982 .....	19 720	-	2 119	-	-	2 049	(D)	-
Corn .....								
farms, 1987 .....	20	-	17	-	-	2	-	-
\$1,000, 1987 .....	1 060	-	890	-	-	(D)	-	-
Wheat .....								
farms, 1987 .....	31	-	-	-	-	2	-	-
\$1,000, 1987 .....	939	-	-	-	-	(D)	-	-
Soybeans .....								
farms, 1987 .....	-	-	-	-	-	-	-	-
\$1,000, 1987 .....	-	-	-	-	-	-	-	-
Sorghum, barley, and oats .....								
farms, 1987 .....	5	-	1	-	-	2	-	-
\$1,000, 1987 .....	21	-	(D)	-	-	(D)	-	-
Cotton .....								
farms, 1987 .....	171	-	9	-	-	17	1	4
\$1,000, 1987 .....	10 465	-	244	-	-	460	(D)	214
Peanuts, rye, rice, tobacco, and honey .....								
farms, 1987 .....	46	-	6	-	-	1	-	-
\$1,000, 1987 .....	978	-	(D)	-	-	(D)	-	-

See footnotes at end of table

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>NET CASH RETURN</b>								
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> ----- farms, 1987 ..	2 337	236	377	520	731	178	483	610
\$1,000, 1987 ..	102 878	2 627	8 176	11 258	70 267	750	1 306	72 147
Average per farm ----- dollars, 1987 ..	44 021	11 133	21 686	21 650	96 124	4 213	2 703	118 273
Farms with net gains <sup>2</sup> ----- number, 1987 ..	1 081	101	138	172	467	93	151	331
\$1,000, 1987 ..	116 825	3 405	9 629	13 724	73 860	1 317	3 910	75 207
Average per farm ----- dollars, 1987 ..	108 071	33 708	69 777	79 788	158 158	14 163	25 896	227 213
Farms with net losses ----- number, 1987 ..	1 256	135	239	348	264	85	332	279
\$1,000, 1987 ..	13 947	777	1 454	2 466	3 593	567	2 604	3 061
Average per farm ----- dollars, 1987 ..	11 104	5 757	6 082	7 085	13 609	6 674	7 845	10 971
<b>GOVERNMENT PAYMENTS</b>								
Total received ----- farms, 1987 ..	382	12	10	31	364	4	13	103
\$1,000, 1987 ..	23 221	574	39	1 380	19 739	24	33	4 886
Average per farm ----- dollars, 1987 ..	60 789	47 850	3 900	44 525	54 228	5 903	2 501	47 442
Amount received in cash ----- farms, 1987 ..	356	12	7	30	331	4	11	92
\$1,000, 1987 ..	14 142	335	23	926	12 098	(D)	(D)	2 506
Value of commodity certificates received ----- farms, 1987 ..	323	8	3	22	298	1	2	88
\$1,000, 1987 ..	8 078	239	16	455	7 640	(D)	(D)	2 381
<b>OTHER FARM-RELATED INCOME</b>								
Gross before taxes and expenses <sup>1</sup> ----- farms, 1987 ..	280	38	46	55	100	14	39	137
\$1,000, 1987 ..	2 974	199	123	488	2 684	45	197	2 006
Average per farm ----- dollars, 1987 ..	10 621	5 242	2 663	8 867	26 838	3 211	5 053	14 639
Customwork and other agricultural services <sup>3</sup> ----- farms, 1987 ..	101	4	19	16	68	4	27	65
\$1,000, 1987 ..	115	5	14	10	47	3	21	57
1982 ..	948	1	30	162	1 137	17	118	507
\$1,000, 1982 ..	2 781	(D)	8	87	1 794	(D)	49	3 069
Rental of farmland ----- farms, 1987 ..	118	8	18	11	31	5	10	47
\$1,000, 1987 ..	1 566	(D)	53	(D)	1 393	14	(D)	1 371
Sales of forest products and Christmas trees ----- farms, 1987 ..	2	1	-	2	1	3	3	6
\$1,000, 1987 ..	(D)	(D)	-	(D)	(D)	(D)	21	(Z)
Other farm-related income sources ----- farms, 1987 ..	76	25	9	27	14	5	3	27
\$1,000, 1987 ..	(D)	87	39	132	(D)	(D)	(D)	128
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total ----- farms, 1987 ..	80	1	1	15	62	1	5	21
1982 ..	113	-	-	5	99	-	1	46
\$1,000, 1987 ..	5 149	(D)	(D)	169	3 597	(D)	31	2 099
1982 ..	6 607	-	-	151	5 430	-	(D)	3 292
Corn ----- farms, 1987 ..	1	-	-	-	-	-	-	-
\$1,000, 1987 ..	(D)	-	-	-	-	-	-	-
Wheat ----- farms, 1987 ..	13	-	-	2	10	-	-	4
\$1,000, 1987 ..	590	-	-	(D)	200	-	-	110
Soybeans ----- farms, 1987 ..	-	-	-	-	-	-	-	-
\$1,000, 1987 ..	-	-	-	-	-	-	-	-
Sorghum, barley, and oats ----- farms, 1987 ..	1	-	-	-	1	-	-	-
\$1,000, 1987 ..	(D)	-	-	-	(D)	-	-	-
Cotton ----- farms, 1987 ..	60	1	-	7	55	-	-	17
\$1,000, 1987 ..	4 410	(D)	-	(D)	3 293	-	-	1 569
Peanuts, rye, rice, tobacco, and honey ----- farms, 1987 ..	14	-	1	7	7	1	5	4
\$1,000, 1987 ..	(D)	-	(D)	(D)	(D)	(D)	31	400

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

<sup>3</sup>Data for 1987 are based on a sample of farms; data for 1982 are nonsample.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>FARMS AND LAND IN FARMS</b>								
Farms ..... number, 1987..	7 669	380	836	294	157	323	102	109
..... 1982..	7 334	296	785	232	163	308	121	-
Land in farms ..... acres, 1987..	36 287 794	5 779 528	2 077 793	5 905 699	1 189 175	1 852 684	139 840	226 954
..... 1982..	37 752 534	6 231 914	2 071 868	5 934 411	1 151 510	1 927 687	141 595	-
Average size of farm..... acres, 1987..	4 732	15 209	2 485	20 087	7 574	5 736	1 371	2 082
..... 1982..	5 148	21 054	2 639	25 579	7 064	6 259	1 170	-
Value of land and buildings <sup>1</sup> ..... dollars, 1987..	1 317 765	1 868 852	795 292	3 049 187	1 801 732	1 548 087	451 078	3 216 670
Average per farm..... 1982..	1 496 334	2 580 980	811 874	3 913 498	1 643 693	1 459 674	298 298	-
Average per acre..... dollars, 1987..	279	126	309	149	237	270	311	1 521
..... 1982..	289	124	311	154	233	232	276	-
Approximate land area ..... acres, 1987..	72 645 158	7 175 072	3 979 756	11 908 883	3 041 536	2 963 436	1 175 526	2 869 946
Proportion in farms ..... percent, 1987..	50.0	80.6	52.2	49.6	39.1	62.5	11.9	7.9
1987 size of farm:								
1 to 9 acres ..... farms..	2 158	79	85	119	29	51	11	17
..... acres..	6 853	167	259	232	77	196	(D)	(D)
10 to 49 acres ..... farms..	1 510	66	129	36	42	59	16	20
..... acres..	34 036	1 624	3 035	804	1 012	1 400	(D)	(D)
50 to 69 acres ..... farms..	256	8	29	6	16	5	11	1
..... acres..	14 692	443	1 715	327	857	290	(D)	(D)
70 to 99 acres ..... farms..	314	12	49	10	13	14	2	1
..... acres..	25 382	969	3 977	(D)	1 033	1 157	(D)	(D)
100 to 139 acres ..... farms..	247	18	25	2	8	17	7	3
..... acres..	28 563	1 957	2 881	(D)	862	1 993	790	(D)
140 to 179 acres ..... farms..	316	13	69	13	8	25	14	9
..... acres..	49 766	2 031	10 926	2 073	1 226	3 924	2 269	1 388
180 to 219 acres ..... farms..	166	8	19	5	3	10	5	4
..... acres..	32 601	1 553	3 709	(D)	590	1 933	1 011	786
220 to 259 acres ..... farms..	131	6	13	1	4	9	4	4
..... acres..	31 378	1 447	3 116	(D)	945	2 209	948	977
260 to 499 acres ..... farms..	613	22	96	15	4	40	9	10
..... acres..	228 306	7 678	36 286	5 523	1 710	15 534	3 354	3 565
500 to 999 acres ..... farms..	678	41	97	16	6	41	8	15
..... acres..	473 635	28 083	72 160	10 028	3 914	27 356	5 113	(D)
1,000 to 1,999 acres ..... farms..	436	17	68	14	6	16	7	14
..... acres..	600 726	23 071	98 541	18 027	7 845	21 250	9 862	(D)
2,000 acres or more ..... farms..	844	90	157	57	18	36	8	11
..... acres..	34 761 856	5 710 505	1 841 188	5 866 405	1 169 084	1 775 442	115 238	190 450
1982 size of farm:								
1 to 9 acres ..... farms..	1 966	38	57	85	39	70	13	-
..... acres..	7 143	175	245	170	123	256	55	-
10 to 49 acres ..... farms..	1 609	67	124	31	47	54	38	-
..... acres..	35 619	1 529	3 136	624	1 216	1 447	1 009	-
50 to 69 acres ..... farms..	257	10	26	5	16	8	9	-
..... acres..	14 635	556	1 513	262	941	502	(D)	-
70 to 99 acres ..... farms..	278	12	41	7	6	8	2	-
..... acres..	22 581	998	3 332	577	471	682	(D)	-
100 to 139 acres ..... farms..	234	11	22	4	4	11	8	-
..... acres..	27 030	1 177	2 561	448	455	1 335	909	-
140 to 179 acres ..... farms..	282	6	61	10	7	11	10	-
..... acres..	44 585	934	9 749	1 568	(D)	1 715	1 632	-
180 to 219 acres ..... farms..	147	6	21	6	7	5	4	-
..... acres..	28 830	1 124	4 009	1 182	(D)	977	814	-
220 to 259 acres ..... farms..	128	8	25	-	2	6	5	-
..... acres..	30 203	1 918	6 023	-	(D)	1 461	1 176	-
260 to 499 acres ..... farms..	564	28	104	10	6	41	13	-
..... acres..	207 722	9 496	39 238	3 621	1 784	15 704	4 727	-
500 to 999 acres ..... farms..	600	14	89	14	5	39	7	-
..... acres..	422 024	9 235	64 171	9 853	3 119	25 662	4 347	-
1,000 to 1,999 acres ..... farms..	446	20	69	13	4	20	5	-
..... acres..	619 725	26 506	101 193	18 938	4 910	25 652	7 493	-
2,000 acres or more ..... farms..	823	76	146	47	20	35	7	-
..... acres..	36 292 437	6 178 266	1 836 698	5 897 168	1 135 564	1 852 294	118 783	-
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland..... farms, 1987..	4 840	215	478	96	80	254	69	94
..... 1982..	4 948	187	464	89	90	226	89	-
..... acres, 1987..	1 453 852	36 898	139 086	10 842	6 477	53 925	8 831	88 820
..... 1982..	1 480 103	37 583	134 228	16 449	5 056	53 871	(D)	-
Harvested cropland ..... farms, 1987..	3 646	143	315	47	36	209	45	85
..... 1982..	3 838	135	335	52	44	184	63	-
..... acres, 1987..	865 817	(D)	42 776	(D)	(D)	35 937	3 507	81 242
..... 1982..	1 047 213	9 591	66 426	(D)	(D)	42 868	(D)	-
Cropland used only for pasture or grazing ..... farms, 1987..	1 551	127	203	53	56	74	40	14
..... 1982..	1 653	88	200	43	62	68	43	-
..... acres, 1987..	139 721	17 362	41 327	4 664	4 448	5 101	1 959	361
..... 1982..	128 964	14 088	27 387	(D)	3 373	3 866	(D)	-
Other cropland ..... farms, 1987..	1 828	60	202	28	20	118	33	43
..... 1982..	1 482	49	215	23	8	81	28	-
..... acres, 1987..	448 314	(D)	54 983	(D)	(D)	12 887	3 365	7 217
..... 1982..	303 926	13 904	40 415	4 433	(D)	7 137	(D)	-
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1987..	201	14	20	4	1	16	4	2
..... 1982..	115	4	27	2	2	3	2	-
..... acres, 1987..	23 694	1 776	3 292	(D)	(D)	691	225	(D)
..... 1982..	8 429	(D)	3 742	(D)	(D)	(D)	(D)	-

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>FARMS AND LAND IN FARMS</b>								
Farms ..... number, 1987..	2 334	236	376	520	730	179	484	609
..... 1982..	2 403	223	331	539	605	133	474	721
Land in farms ..... acres, 1987..	1 391 456	1 906 756	7 687 460	3 194 736	1 958 489	346 266	2 358 559	272 399
..... 1982..	1 429 539	2 270 298	7 313 958	3 476 555	2 403 901	379 985	2 508 888	510 425
Average size of farm ..... acres, 1987..	596	8 079	20 445	6 144	2 683	1 934	4 873	447
..... 1982..	595	10 181	22 097	6 450	3 973	2 857	5 293	708
Value of land and buildings <sup>1</sup> ..... dollars, 1987..	838 914	953 182	3 091 955	913 992	1 837 844	1 276 697	783 282	1 452 113
Average per farm ..... 1982..	1 086 161	1 067 426	3 747 885	1 434 184	2 095 028	885 722	844 516	1 745 574
Average per acre ..... dollars, 1987..	1 416	118	150	148	722	654	162	3 356
..... 1982..	1 759	105	169	217	522	336	154	2 514
Approximate land area ..... acres, 1987..	5 841 126	8 502 611	6 371 014	5 879 545	3 419 737	792 320	5 198 412	3 526 234
Proportion in farms ..... percent, 1987..	23.8	22.4	120.7	54.3	57.3	43.7	45.4	7.7
<b>1987 size of farm</b>								
1 to 9 acres ..... farms..	1 011	68	100	221	122	15	117	113
..... acres..	3 302	172	261	724	438	33	465	422
10 to 49 acres ..... farms..	527	41	66	112	75	29	102	190
..... acres..	11 696	873	1 613	2 454	1 789	676	2 177	4 119
50 to 69 acres ..... farms..	78	2	19	16	11	4	21	29
..... acres..	4 479	(D)	1 079	976	593	259	1 215	1 661
70 to 99 acres ..... farms..	90	8	12	18	26	12	16	31
..... acres..	7 250	636	926	1 515	2 067	1 003	1 318	2 456
100 to 139 acres ..... farms..	64	2	19	8	23	5	22	24
..... acres..	7 441	(D)	2 284	950	2 603	574	2 595	2 798
140 to 179 acres ..... farms..	58	7	14	11	22	15	16	22
..... acres..	9 032	1 108	2 242	1 727	3 482	2 363	2 524	3 451
180 to 219 acres ..... farms..	36	5	8	4	32	5	7	15
..... acres..	7 078	(D)	1 572	(D)	6 267	(D)	1 359	2 987
220 to 259 acres ..... farms..	37	2	4	2	22	2	12	9
..... acres..	8 767	(D)	948	(D)	5 260	(D)	2 915	2 181
260 to 499 acres ..... farms..	160	8	13	23	107	27	25	54
..... acres..	59 048	2 771	4 593	8 914	40 529	9 760	8 833	20 208
500 to 999 acres ..... farms..	127	14	27	32	141	27	36	50
..... acres..	87 684	10 477	17 718	21 923	99 156	18 351	25 776	(D)
1,000 to 1,999 acres ..... farms..	81	11	24	24	80	13	17	44
..... acres..	113 567	15 475	33 761	32 127	108 143	17 972	23 037	(D)
2,000 acres or more ..... farms..	65	68	70	49	69	25	93	28
..... acres..	1 072 112	1 873 430	7 620 463	3 122 128	1 688 162	293 831	2 286 345	137 073
<b>1982 size of farm:</b>								
1 to 9 acres ..... farms..	1 012	49	55	212	121	6	96	113
..... acres..	3 676	136	202	756	487	13	401	448
10 to 49 acres ..... farms..	630	35	70	123	77	14	91	208
..... acres..	13 207	781	1 690	2 652	1 627	429	2 053	4 219
50 to 69 acres ..... farms..	77	6	21	15	12	6	21	25
..... acres..	4 383	(D)	1 197	859	657	355	1 191	1 401
70 to 99 acres ..... farms..	91	2	16	14	18	13	16	32
..... acres..	7 259	(D)	1 366	1 126	1 451	1 084	1 282	2 648
100 to 139 acres ..... farms..	55	4	24	13	9	5	31	33
..... acres..	6 440	456	2 795	1 456	1 103	576	3 585	3 734
140 to 179 acres ..... farms..	62	7	12	9	18	12	27	30
..... acres..	9 684	1 134	(D)	1 434	2 867	1 864	4 243	4 761
180 to 219 acres ..... farms..	31	5	2	4	13	6	16	21
..... acres..	6 228	923	(D)	(D)	2 515	1 178	3 168	4 136
220 to 259 acres ..... farms..	29	4	8	2	12	3	12	12
..... acres..	6 712	898	1 818	(D)	2 880	706	2 808	2 850
260 to 499 acres ..... farms..	115	14	20	27	66	18	31	71
..... acres..	41 570	4 707	7 328	10 265	25 485	6 535	10 523	26 739
500 to 999 acres ..... farms..	140	18	23	29	91	19	32	80
..... acres..	96 981	11 645	14 695	20 669	66 966	13 200	22 750	58 731
1,000 to 1,999 acres ..... farms..	87	17	24	29	78	8	16	56
..... acres..	124 006	23 163	32 325	43 003	104 137	10 020	23 032	75 347
2,000 acres or more ..... farms..	74	62	56	62	90	23	85	40
..... acres..	1 109 393	2 225 982	7 248 219	3 393 056	2 193 726	344 025	2 433 852	325 411
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland ..... farms, 1987..	1 508	93	211	204	597	75	301	565
..... 1982..	1 743	108	223	225	484	57	291	672
..... acres, 1987..	423 836	21 399	24 762	39 369	339 104	9 928	28 043	222 532
..... 1982..	463 089	23 935	27 939	(D)	319 049	10 392	29 611	302 997
Harvested cropland ..... farms, 1987..	1 169	69	125	140	535	31	159	538
..... 1982..	1 357	72	150	152	439	24	176	655
..... acres, 1987..	269 748	10 130	4 878	25 125	186 567	(D)	3 720	186 954
..... 1982..	370 978	11 792	7 368	34 928	210 252	1 778	(D)	277 149
Cropland used only for pasture or grazing ..... farms, 1987..	384	35	128	72	82	53	196	34
..... 1982..	510	53	135	89	86	36	182	58
..... acres, 1987..	11 097	5 744	13 112	4 037	4 816	7 155	17 754	784
..... 1982..	11 601	7 564	(D)	(D)	4 341	(D)	(D)	(D)
Other cropland ..... farms, 1987..	509	29	55	68	415	10	59	179
..... 1982..	417	17	52	56	304	11	69	152
..... acres, 1987..	142 991	5 525	6 772	10 207	147 721	(D)	6 569	34 794
..... 1982..	80 510	4 579	(D)	(D)	104 456	(D)	7 117	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1987..	36	13	2	15	32	1	12	29
..... 1982..	20	3	11	2	10	-	6	23
..... acres, 1987..	6 108	1 234	(D)	813	5 825	(D)	153	3 199
..... 1982..	1 256	(D)	(D)	(D)	1 017	-	(D)	1 651

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland-Con								
Other cropland-Con								
Cropland on which all crops failed..... farms, 1987..	164	22	10	12	3	12	1	7
1982..	103	12	15	3	-	7	1	-
acres, 1987..	5 445	(D)	227	58	14	268	(D)	(D)
1982..	4 358	706	349	(D)	-	(D)	(D)	-
Cropland in cultivated summer fallow..... farms, 1987..	298	2	53	3	3	23	5	6
1982..	271	4	45	1	-	8	-	-
acres, 1987..	85 416	(D)	13 646	(D)	(D)	3 022	1 159	1 527
1982..	79 114	(D)	11 673	(D)	-	1 037	-	-
Cropland idle..... farms, 1987..	1 443	28	164	15	16	79	27	35
1982..	1 188	33	167	18	8	74	27	-
acres, 1987..	333 759	6 665	37 618	3 815	(D)	8 906	(D)	4 956
1982..	212 025	12 119	24 651	3 917	(D)	5 593	1 266	-
Total woodland..... farms, 1987..	280	35	27	21	12	12	5	3
1982..	318	25	33	31	22	16	4	-
acres, 1987..	4 106 447	1 335 593	4 597	449 873	321 651	2 490	275	(D)
1982..	3 767 953	1 146 763	5 275	455 010	322 057	14 852	(D)	-
Woodland pastured..... farms, 1987..	190	27	18	17	10	7	3	1
1982..	225	24	17	25	14	11	3	-
acres, 1987..	3 848 812	(D)	(D)	(D)	(D)	2 431	(D)	(D)
1982..	3 603 100	1 146 664	3 166	(D)	321 821	14 337	(D)	-
Woodland not pastured..... farms, 1987..	109	11	9	4	2	6	2	3
1982..	134	6	18	6	9	7	2	-
acres, 1987..	257 635	(D)	(D)	(D)	(D)	59	(D)	(D)
1982..	164 853	99	2 109	(D)	236	515	(D)	-
Other land..... farms, 1987..	5 520	317	690	252	124	225	84	54
1982..	5 232	234	649	192	125	227	102	-
acres, 1987..	30 727 495	4 407 037	1 934 110	5 444 984	861 047	1 796 269	130 734	(D)
1982..	32 504 478	5 047 568	1 932 365	5 462 952	824 397	1 858 964	132 895	-
Pastureland and rangeland other than cropland and woodland pastured..... farms, 1987..	2 398	197	446	126	74	118	47	15
1982..	2 163	171	422	114	74	91	44	-
acres, 1987..	29 840 297	(D)	(D)	(D)	(D)	1 773 828	(D)	(D)
1982..	31 539 140	4 988 113	1 910 139	5 147 129	821 760	1 835 155	130 777	-
Land in house lots, ponds, roads, wasteland, etc..... farms, 1987..	4 203	193	429	168	72	166	52	48
1982..	4 055	137	386	121	78	182	77	-
acres, 1987..	887 198	(D)	(D)	(D)	(D)	22 441	(D)	8 333
1982..	965 338	59 455	22 226	315 823	2 637	23 809	2 118	-
Pastureland, all types..... farms, 1987..	3 634	279	597	178	119	158	75	27
1982..	3 547	238	580	153	126	140	74	-
acres, 1987..	33 828 830	5 620 095	1 962 436	5 534 428	1 176 227	1 781 360	130 503	(D)
1982..	35 271 204	6 148 865	1 940 692	5 565 436	1 146 954	1 853 358	134 426	-
Cropland diverted under annual commodity acreage adjustment programs..... farms, 1987..	1 045	1	98	-	1	66	15	28
1982..	545	-	49	-	-	43	6	-
acres, 1987..	119 003	(D)	9 475	-	(D)	(D)	(D)	(D)
1982..	48 614	-	3 710	-	-	2 273	128	-
Cropland placed under the conservation reserve program..... farms, 1987..	73	1	11	-	-	2	1	2
1982..	13 988	(D)	1 116	-	-	(D)	(D)	(D)

See footnotes at end of table.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland-Con								
Other cropland-Con								
Cropland on which all crops failed..... farms, 1987..	20	2	15	9	19	-	8	24
1982..	14	-	15	-	10	1	9	16
acres, 1987..	1 169	(D)	69	678	1 382	-	(D)	485
1982..	536	-	406	-	376	(D)	539	(D)
Cropland in cultivated summer fallow..... farms, 1987..	88	1	3	8	83	1	2	17
1982..	48	2	6	20	97	-	10	30
acres, 1987..	38 571	(D)	(D)	1 682	20 485	(D)	(D)	4 070
1982..	9 582	(D)	(D)	3 877	41 804	-	(D)	3 989
Cropland idle..... farms, 1987..	417	19	44	49	348	8	48	146
1982..	367	14	34	37	220	10	53	126
acres, 1987..	97 143	4 222	6 235	7 034	120 029	335	6 371	27 040
1982..	69 136	4 139	4 607	5 574	61 259	(D)	1 120	16 281
Total woodland..... farms, 1987..	38	4	45	21	9	7	31	10
1982..	28	11	46	24	10	14	30	24
acres, 1987..	6 465	(D)	1 934 751	(D)	517	(D)	15 723	313
1982..	2 589	6 577	1 753 267	(D)	750	5 803	20 479	2 259
Woodland pastured..... farms, 1987..	19	1	34	13	4	7	24	5
1982..	20	7	35	17	4	6	23	19
acres, 1987..	3 621	(D)	1 787 355	(D)	(D)	(D)	14 497	(D)
1982..	1 095	6 560	(D)	(D)	227	(D)	(D)	(D)
Woodland not pastured..... farms, 1987..	21	3	16	8	5	-	12	7
1982..	9	4	19	12	8	8	7	19
acres, 1987..	2 844	(D)	147 396	(D)	(D)	-	1 226	(D)
1982..	1 494	17	(D)	(D)	523	(D)	(D)	(D)
Other land..... farms, 1987..	1 561	207	305	440	471	151	382	257
1982..	1 558	194	267	486	390	110	398	300
acres, 1987..	961 155	(D)	5 727 947	(D)	1 618 868	(D)	2 314 793	49 554
1982..	963 861	2 239 786	5 532 752	3 397 079	2 084 102	363 790	2 458 798	205 169
Pastureland and rangeland other than cropland and woodland pastured..... farms, 1987..	390	125	187	185	134	114	212	29
1982..	297	116	147	204	109	81	225	68
acres, 1987..	919 989	(D)	5 528 947	(D)	(D)	(D)	2 300 190	6 600
1982..	913 762	2 188 591	5 240 376	3 341 012	2 055 535	354 408	2 444 278	168 105
Land in house lots, ponds, roads, wasteland, etc..... farms, 1987..	1 378	129	224	349	409	81	261	244
1982..	1 420	127	194	385	326	60	289	273
acres, 1987..	41 166	(D)	199 000	(D)	(D)	(D)	14 603	42 954
1982..	50 099	51 195	292 376	56 067	28 567	9 382	14 520	37 064
Pastureland, all types..... farms, 1987..	746	147	269	252	204	160	366	57
1982..	784	155	258	270	188	112	361	108
acres, 1987..	934 707	1 840 582	7 329 414	3 116 609	1 593 938	339 278	2 332 441	(D)
1982..	926 458	2 202 715	6 897 339	3 375 562	2 060 103	367 165	2 480 223	171 908
Cropland diverted under annual commodity acreage adjustment programs..... farms, 1987..	354	8	-	28	346	1	-	99
1982..	182	3	1	22	174	-	-	65
acres, 1987..	43 244	1 482	-	3 616	42 170	(D)	-	(D)
1982..	21 388	(D)	(D)	1 034	14 155	-	-	5 260
Cropland placed under the conservation reserve program..... farms, 1987..	27	-	2	3	19	-	2	3
acres, 1987..	6 225	-	(D)	749	2 358	-	(D)	(D)

¹Data are based on a sample of farms, see text

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>Farms</b> .....	<b>number, 1987</b> .....	3 646	143	315	47	36	209	45	85
	<b>1982</b> .....	3 838	135	335	52	44	184	63	-
	<b>acres harvested, 1987</b> .....	865 817	(D)	42 776	(D)	(D)	35 937	3 507	81 242
	<b>1982</b> .....	1 047 213	9 591	66 426	(D)	(D)	42 868	(D)	-
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>									
<b>1987 size of farm:</b>									
1 to 9 acres	farms.....	545	15	22	10	8	24	4	6
	acres harvested.....	1 683	42	72	24	(D)	81	16	33
10 to 49 acres	farms.....	836	31	60	11	9	40	6	15
	acres harvested.....	12 374	288	457	126	70	672	48	207
50 to 69 acres	farms.....	125	2	10	1	3	5	7	1
	acres harvested.....	4 102	(D)	243	(D)	28	86	81	(D)
70 to 99 acres	farms.....	191	8	32	2	5	12	1	1
	acres harvested.....	8 625	133	816	(D)	16	340	(D)	(D)
100 to 139 acres	farms.....	164	12	8	1	1	15	4	2
	acres harvested.....	11 139	380	372	(D)	(D)	895	169	(D)
140 to 179 acres	farms.....	169	5	35	6	3	13	4	7
	acres harvested.....	13 714	192	1 771	76	54	1 311	(D)	921
180 to 219 acres	farms.....	104	5	6	-	1	8	4	3
	acres harvested.....	10 496	104	401	-	(D)	1 134	121	530
220 to 259 acres	farms.....	92	1	9	-	-	7	2	4
	acres harvested.....	13 117	(D)	708	-	-	635	(D)	500
260 to 499 acres	farms.....	422	7	43	1	1	33	5	8
	acres harvested.....	91 201	674	6 275	(D)	(D)	7 967	650	2 376
500 to 999 acres	farms.....	453	16	47	1	2	31	6	14
	acres harvested.....	165 540	489	9 501	(D)	(D)	9 470	2 101	7 776
1,000 to 1,999 acres	farms.....	278	5	21	5	2	13	2	13
	acres harvested.....	202 237	937	8 904	206	(D)	10 557	(D)	12 288
2,000 acres or more	farms.....	267	36	22	9	1	8	-	11
	acres harvested.....	331 589	7 106	13 256	1 280	(D)	2 789	-	56 263
<b>1982 size of farm:</b>									
1 to 9 acres	farms.....	661	14	19	9	14	22	5	-
	acres harvested.....	2 220	54	55	17	31	68	12	-
10 to 49 acres	farms.....	967	42	66	14	9	37	24	-
	acres harvested.....	14 018	(D)	689	148	(D)	696	284	-
50 to 69 acres	farms.....	147	2	15	1	9	6	6	-
	acres harvested.....	4 309	(D)	325	(D)	97	272	144	-
70 to 99 acres	farms.....	175	4	25	2	3	5	1	-
	acres harvested.....	8 243	177	717	(D)	21	208	(D)	-
100 to 139 acres	farms.....	140	4	10	-	2	7	6	-
	acres harvested.....	9 269	68	571	-	(D)	484	187	-
140 to 179 acres	farms.....	165	3	29	4	1	6	5	-
	acres harvested.....	15 278	30	1 894	112	(D)	400	463	-
180 to 219 acres	farms.....	92	6	11	1	3	3	3	-
	acres harvested.....	9 953	223	684	(D)	33	214	64	-
220 to 259 acres	farms.....	92	4	17	-	-	6	1	-
	acres harvested.....	13 573	(D)	2 477	-	-	1 094	(D)	-
260 to 499 acres	farms.....	378	15	49	3	-	32	8	-
	acres harvested.....	88 593	476	9 286	(D)	-	8 276	1 070	-
500 to 999 acres	farms.....	428	6	41	1	2	34	2	-
	acres harvested.....	195 894	175	11 953	(D)	(D)	14 402	(D)	-
1,000 to 1,999 acres	farms.....	287	6	25	5	-	13	1	-
	acres harvested.....	238 947	801	14 367	108	-	11 202	(D)	-
2,000 acres or more	farms.....	306	29	29	12	1	13	1	-
	acres harvested.....	446 916	7 045	23 408	2 740	(D)	5 552	(D)	-
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>									
<b>1987 acres harvested:</b>									
1 to 9 acres	farms.....	1 049	48	91	28	27	59	17	8
	acres.....	3 866	164	309	77	90	281	75	49
10 to 19 acres	farms.....	342	30	33	7	2	12	7	9
	acres.....	4 277	365	423	(D)	(D)	148	89	91
20 to 29 acres	farms.....	260	20	26	1	4	15	3	3
	acres.....	5 871	426	596	(D)	95	337	61	(D)
30 to 49 acres	farms.....	273	13	31	4	2	20	5	2
	acres.....	10 233	468	1 159	140	(D)	759	200	(D)
50 to 99 acres	farms.....	330	17	31	3	-	13	4	5
	acres.....	23 380	1 225	2 166	165	-	933	270	394
100 to 199 acres	farms.....	383	3	42	3	-	31	3	14
	acres.....	54 425	320	6 131	(D)	-	4 372	427	2 033
200 to 499 acres	farms.....	564	4	40	-	1	40	5	11
	acres.....	180 266	1 166	12 908	-	(D)	12 394	(D)	3 691
500 to 999 acres	farms.....	267	6	14	1	-	9	1	16
	acres.....	182 041	(D)	8 750	(D)	-	5 720	(D)	11 085
1,000 acres or more	farms.....	178	2	7	-	-	10	-	17
	acres.....	401 458	(D)	10 334	-	-	10 993	-	63 767
<b>1982 acres harvested</b>									
1 to 9 acres	farms.....	1 168	52	84	24	28	39	25	-
	acres.....	4 528	232	303	76	71	138	(D)	-
10 to 19 acres	farms.....	463	34	26	9	10	14	11	-
	acres.....	5 854	422	353	(D)	107	169	131	-
20 to 29 acres	farms.....	260	13	30	3	5	13	4	-
	acres.....	5 779	287	627	(D)	118	296	97	-
30 to 49 acres	farms.....	272	9	29	2	1	18	9	-
	acres.....	10 061	319	1 128	(D)	(D)	716	317	-
50 to 99 acres	farms.....	290	16	30	8	-	13	4	-
	acres.....	19 911	1 079	2 012	495	-	950	245	-
100 to 199 acres	farms.....	316	4	51	-	-	17	3	-
	acres.....	44 208	440	7 194	-	-	2 516	457	-
200 to 499 acres	farms.....	482	1	52	4	-	47	7	-
	acres.....	158 464	(D)	16 292	1 214	-	16 416	2 260	-
500 to 999 acres	farms.....	344	2	23	2	-	15	-	-
	acres.....	240 574	(D)	16 179	(D)	-	10 817	-	-
1,000 acres or more	farms.....	243	4	10	-	-	8	-	-
	acres.....	557 834	(D)	22 338	-	-	10 850	-	-



Table 6. **Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Farms	number, 1987	1 169	69	125	140	535	31	159	538
	1982	1 357	72	150	152	439	24	176	655
	acres harvested, 1987	269 748	10 130	4 878	25 125	186 567	(D)	3 720	186 954
	1982	370 978	11 792	7 368	34 928	210 252	1 778	(D)	277 149
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>									
1987 size of farm									
1 to 9 acres	farms	241	8	24	42	36	1	38	66
	acres harvested	745	19	59	86	114	(D)	103	273
10 to 49 acres	farms	303	24	16	40	48	5	49	179
	acres harvested	5 240	281	196	389	661	23	323	3 393
50 to 69 acres	farms	37	2	6	4	7	2	10	28
	acres harvested	1 563	(D)	109	100	258	(D)	211	1 255
70 to 99 acres	farms	59	5	8	5	15	4	6	28
	acres harvested	3 609	104	202	133	865	170	188	1 922
100 to 139 acres	farms	53	-	12	2	20	3	8	23
	acres harvested	4 805	-	46	(D)	1 803	95	171	2 059
140 to 179 acres	farms	39	4	6	3	19	2	4	19
	acres harvested	4 656	207	338	110	1 906	(D)	279	1 829
180 to 219 acres	farms	26	-	4	1	30	-	2	14
	acres harvested	2 915	-	86	(D)	2 955	-	(D)	2 055
220 to 259 acres	farms	36	-	-	2	21	-	1	9
	acres harvested	6 249	-	-	(D)	2 952	-	(D)	1 491
260 to 499 acres	farms	142	5	7	12	94	4	8	52
	acres harvested	33 497	(D)	144	2 258	19 698	902	440	15 712
500 to 999 acres	farms	117	4	13	9	134	5	4	50
	acres harvested	49 624	777	321	3 294	51 332	169	193	30 477
1,000 to 1,999 acres	farms	74	2	9	12	75	1	1	43
	acres harvested	60 595	(D)	499	9 217	52 509	(D)	(D)	45 224
2,000 acres or more	farms	42	15	20	8	36	4	28	27
	acres harvested	96 250	7 312	2 878	8 929	51 514	(D)	1 746	81 264
1982 size of farm									
1 to 9 acres	farms	355	6	22	38	47	-	32	78
	acres harvested	1 233	16	60	83	179	-	83	329
10 to 49 acres	farms	387	23	30	35	60	6	36	198
	acres harvested	6 158	224	257	444	680	111	279	3 574
50 to 69 acres	farms	45	3	10	5	9	2	13	21
	acres harvested	1 662	57	231	152	264	(D)	221	788
70 to 99 acres	farms	65	1	6	7	13	3	12	28
	acres harvested	3 703	(D)	53	269	618	78	338	1 939
100 to 139 acres	farms	39	2	13	3	6	1	16	31
	acres harvested	3 473	(D)	443	136	314	(D)	485	3 043
140 to 179 acres	farms	45	2	5	6	16	2	12	29
	acres harvested	5 561	(D)	119	574	1 464	(D)	886	3 715
180 to 219 acres	farms	26	-	-	-	10	2	6	21
	acres harvested	3 741	-	-	-	1 055	(D)	599	3 260
220 to 259 acres	farms	27	4	6	-	11	-	5	12
	acres harvested	4 994	174	282	-	1 331	-	428	2 631
260 to 499 acres	farms	109	3	11	11	57	2	12	66
	acres harvested	30 329	363	623	2 512	14 398	(D)	530	19 851
500 to 999 acres	farms	130	7	15	18	85	3	7	77
	acres harvested	71 834	1 775	797	7 805	39 124	425	(D)	46 233
1,000 to 1,999 acres	farms	80	4	11	10	75	1	1	55
	acres harvested	85 753	1 853	1 332	7 236	60 267	(D)	(D)	55 900
2,000 acres or more	farms	49	17	21	19	50	2	24	39
	acres harvested	152 537	7 291	3 171	15 717	90 558	(D)	2 201	135 886
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>									
1987 acres harvested									
1 to 9 acres	farms	332	34	62	74	66	10	89	104
	acres	1 182	139	183	204	284	36	272	521
10 to 19 acres	farms	102	9	14	6	17	4	23	67
	acres	1 302	107	171	84	236	71	267	806
20 to 29 acres	farms	86	5	14	9	8	3	10	53
	acres	1 984	118	304	200	188	(D)	226	1 191
30 to 49 acres	farms	88	5	11	5	19	2	13	53
	acres	3 351	184	393	188	689	(D)	490	2 010
50 to 99 acres	farms	98	7	13	7	53	6	15	58
	acres	6 953	484	899	461	4 036	347	979	4 068
100 to 199 acres	farms	130	2	7	7	98	2	7	34
	acres	(D)	(D)	984	949	14 075	(D)	(D)	4 864
200 to 499 acres	farms	209	1	3	15	162	4	2	67
	acres	(D)	(D)	(D)	4 553	53 214	1 459	(D)	22 663
500 to 999 acres	farms	71	3	-	10	83	-	-	53
	acres	49 595	(D)	-	5 872	55 949	-	-	37 240
1,000 acres or more	farms	53	3	1	7	29	-	-	49
	acres	122 585	6 464	(D)	12 614	57 896	-	-	113 591
1982 acres harvested									
1 to 9 acres	farms	481	31	65	57	83	6	84	109
	acres	1 864	147	218	163	359	(D)	(D)	534
10 to 19 acres	farms	159	16	17	15	29	6	20	97
	acres	2 068	222	198	203	397	(D)	257	1 136
20 to 29 acres	farms	86	4	11	12	8	1	13	57
	acres	1 925	86	260	285	164	(D)	306	1 234
30 to 49 acres	farms	85	8	19	9	13	4	20	46
	acres	3 141	314	739	307	493	147	669	1 661
50 to 99 acres	farms	91	1	19	10	27	3	20	48
	acres	6 188	(D)	1 254	654	2 016	(D)	1 346	3 382
100 to 199 acres	farms	95	3	13	10	41	1	12	66
	acres	13 173	(D)	1 590	1 383	5 948	(D)	1 766	9 272
200 to 499 acres	farms	155	2	3	18	98	3	7	85
	acres	49 534	(D)	840	6 323	33 225	1 165	1 845	28 463
500 to 999 acres	farms	115	4	2	13	91	-	-	77
	acres	77 700	2 466	(D)	9 289	63 971	-	-	55 998
1,000 acres or more	farms	90	3	1	8	49	-	-	70
	acres	215 385	7 558	(D)	16 321	103 679	-	-	175 469

Table 7. Irrigation: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
Farms ..... number, 1987..	4 241	161	357	51	52	228	59	92
..... 1982..	4 437	154	384	43	58	215	82	-
Land in irrigated farms ..... acres, 1987..	17 167 064	4 179 620	486 679	3 244 136	18 583	285 578	17 910	225 771
..... 1982..	18 870 572	4 469 649	469 091	3 450 201	502 151	277 787	66 405	-
Harvested cropland ..... farms, 1987..	3 588	135	315	37	34	209	45	85
..... 1982..	3 770	127	334	37	42	184	63	-
..... acres, 1987..	864 435	9 670	42 776	1 814	688	35 937	3 507	81 242
..... 1982..	1 046 121	9 435	(D)	3 117	324	42 868	(D)	-
Other cropland, excluding cropland pastured ..... farms, 1987..	1 564	36	167	15	14	101	28	39
..... 1982..	1 254	31	168	11	3	69	23	-
..... acres, 1987..	398 743	8 528	42 003	3 324	647	10 461	2 501	7 010
..... 1982..	252 286	6 975	28 977	3 490	11	5 980	834	-
Pastureland, excluding woodland pastured ..... farms, 1987..	1 663	136	194	39	40	89	41	22
..... 1982..	1 844	120	230	32	42	94	52	-
..... acres, 1987..	12 813 230	3 193 604	(D)	2 632 441	16 072	232 634	(D)	(D)
..... 1982..	14 685 551	3 687 248	357 082	2 826 092	500 182	221 564	60 611	-
Irrigated land ..... acres, 1987..	913 841	13 576	49 012	2 740	1 465	37 835	4 377	82 345
..... 1982..	1 097 825	19 039	74 552	3 759	766	44 243	4 258	-
Harvested cropland ..... farms, 1987..	3 585	135	315	37	34	209	45	85
..... 1982..	3 767	127	333	37	42	184	63	-
..... acres, 1987..	859 654	7 779	42 776	1 404	682	35 937	3 507	81 242
..... 1982..	1 042 527	8 319	66 368	2 167	324	42 848	3 628	-
Pastureland and other land ..... farms, 1987..	1 083	70	90	20	27	44	25	19
..... 1982..	1 182	67	113	10	25	55	34	-
..... acres, 1987..	54 187	5 797	6 236	1 336	783	1 898	870	1 103
..... 1982..	55 298	10 720	8 184	1 592	442	1 395	630	-
1987 irrigated acres by size of farm								
1 to 9 acres ..... farms..	790	14	25	7	6	31	6	7
..... acres irrigated..	2 496	48	95	21	(D)	112	20	36
10 to 49 acres ..... farms..	976	34	79	13	15	44	8	17
..... acres irrigated..	14 541	310	696	152	164	762	120	239
50 to 69 acres ..... farms..	145	4	13	-	4	5	8	1
..... acres irrigated..	4 936	167	344	-	85	145	(D)	(D)
70 to 99 acres ..... farms..	218	8	32	3	7	12	1	1
..... acres irrigated..	9 711	143	880	(D)	56	374	(D)	(D)
100 to 139 acres ..... farms..	173	12	8	-	3	15	4	2
..... acres irrigated..	11 669	416	372	-	(D)	895	194	(D)
140 to 179 acres ..... farms..	202	7	35	7	6	14	8	8
..... acres irrigated..	16 971	447	2 243	347	334	1 569	179	960
180 to 219 acres ..... farms..	109	5	7	-	1	8	4	3
..... acres irrigated..	11 416	(D)	599	-	(D)	1 134	221	530
220 to 259 acres ..... farms..	101	2	9	-	-	7	4	4
..... acres irrigated..	14 234	(D)	733	-	-	665	424	800
260 to 499 acres ..... farms..	444	8	48	4	3	33	6	10
..... acres irrigated..	95 320	462	6 754	405	90	7 967	745	2 737
500 to 999 acres ..... farms..	472	19	49	2	3	33	6	14
..... acres irrigated..	170 763	898	10 407	(D)	81	10 127	2 219	8 101
1,000 to 1,999 acres ..... farms..	293	8	26	3	2	13	3	14
..... acres irrigated..	207 683	1 012	9 081	295	(D)	10 557	71	12 326
2,000 acres or more ..... farms..	318	40	26	12	2	13	1	11
..... acres irrigated..	354 101	9 322	16 808	1 440	(D)	3 528	(D)	56 263
1982 irrigated acres by size of farm								
1 to 9 acres ..... farms..	870	17	20	5	12	38	6	-
..... acres irrigated..	3 094	68	59	13	31	138	14	-
10 to 49 acres ..... farms..	1 145	42	81	8	15	42	28	-
..... acres irrigated..	16 569	478	896	87	150	750	392	-
50 to 69 acres ..... farms..	178	5	16	1	13	7	9	-
..... acres irrigated..	5 569	107	395	(D)	(D)	279	263	-
70 to 99 acres ..... farms..	194	5	26	1	4	5	1	-
..... acres irrigated..	9 603	256	969	(D)	51	208	(D)	-
100 to 139 acres ..... farms..	157	3	10	-	2	8	7	-
..... acres irrigated..	10 185	66	574	-	(D)	495	225	-
140 to 179 acres ..... farms..	187	5	32	4	2	7	9	-
..... acres irrigated..	17 075	82	2 319	72	(D)	684	612	-
180 to 219 acres ..... farms..	98	6	12	2	3	3	4	-
..... acres irrigated..	10 490	254	697	(D)	33	219	105	-
220 to 259 acres ..... farms..	100	5	17	-	-	6	4	-
..... acres irrigated..	13 934	117	2 509	-	-	1 094	85	-
260 to 499 acres ..... farms..	406	17	59	2	1	35	8	-
..... acres irrigated..	93 030	1 203	10 839	(D)	(D)	8 396	1 152	-
500 to 999 acres ..... farms..	451	6	43	1	2	35	4	-
..... acres irrigated..	205 297	133	12 217	(D)	(D)	14 923	960	-
1,000 to 1,999 acres ..... farms..	306	8	32	5	-	14	1	-
..... acres irrigated..	242 821	1 363	14 767	172	-	11 217	(D)	-
2,000 acres or more ..... farms..	345	35	36	14	4	15	1	-
..... acres irrigated..	470 158	14 912	28 311	2 820	(D)	5 840	(D)	-

Table 7. Irrigation: 1987 and 1982—Con.

(For meaning of abbreviations and symbols, see introductory text)

Farms with irrigation		Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Farms .....	number, 1987..	1 442	83	154	170	562	42	240	548
	1982..	1 628	88	184	195	454	35	250	667
Land in irrigated farms .....	acres, 1987..	650 244	533 147	4 529 261	560 734	1 042 476	148 092	976 101	268 732
	1982..	672 854	522 621	5 263 290	621 612	1 114 085	75 097	1 002 153	363 576
Harvested cropland .....	farms, 1987..	1 155	69	112	135	533	31	156	537
	1982..	1 334	71	140	147	439	24	173	655
	acres, 1987..	269 657	10 130	4 699	25 119	(D)	(D)	3 445	(D)
	1982..	370 798	(D)	7 341	34 899	210 252	1 778	6 327	277 149
Other cropland, excluding cropland pastured .....	farms, 1987..	449	24	33	51	395	10	41	161
	1982..	357	14	41	41	288	8	52	148
	acres, 1987..	134 454	5 270	5 144	7 995	131 556	525	5 378	33 947
	1982..	65 291	3 076	5 579	8 512	99 510	365	1 421	22 265
Pastureland, excluding woodland pastured .....	farms, 1987..	460	50	126	74	124	33	188	47
	1982..	544	59	149	103	113	24	192	90
	acres, 1987..	211 734	(D)	3 163 012	(D)	(D)	(D)	951 036	5 234
	1982..	197 774	504 170	3 909 972	558 479	780 362	71 702	977 716	32 597
Irrigated land .....	acres, 1987..	275 592	12 479	8 869	27 376	189 691	6 828	7 204	194 452
	1982..	378 220	13 127	10 229	37 914	213 666	2 528	12 271	283 253
Harvested cropland .....	farms, 1987..	1 155	69	112	135	532	31	154	537
	1982..	1 334	71	140	147	439	24	171	655
	acres, 1987..	268 819	10 130	4 500	25 119	186 085	2 248	3 108	186 318
	1982..	370 382	11 772	6 994	34 899	210 252	1 778	5 647	277 149
Pastureland and other land .....	farms, 1987..	378	28	73	49	73	15	129	43
	1982..	437	31	86	67	64	15	129	49
	acres, 1987..	6 773	2 349	4 369	2 257	3 606	4 580	4 096	8 134
	1982..	7 838	1 355	3 235	3 015	3 414	750	6 624	6 104
1987 irrigated acres by size of farm									
1 to 9 acres .....	farms..	432	14	21	47	50	1	53	76
	acres irrigated..	1 312	39	62	104	170	(D)	164	299
10 to 49 acres .....	farms..	356	25	28	50	51	7	71	178
	acres irrigated..	5 928	296	323	503	728	41	744	3 535
50 to 69 acres .....	farms..	45	2	9	6	7	2	11	28
	acres irrigated..	1 771	(D)	143	153	258	(D)	280	1 313
70 to 99 acres .....	farms..	67	5	11	11	16	5	11	28
	acres irrigated..	3 943	150	190	254	945	217	390	1 992
100 to 139 acres .....	farms..	53	-	12	3	21	4	13	23
	acres irrigated..	4 885	-	91	239	1 819	135	265	2 155
140 to 179 acres .....	farms..	43	4	11	4	20	5	11	19
	acres irrigated..	4 839	321	801	195	1 926	329	652	1 829
180 to 219 acres .....	farms..	28	1	4	1	30	-	3	14
	acres irrigated..	3 080	(D)	122	(D)	3 108	-	62	2 055
220 to 259 acres .....	farms..	36	-	-	2	22	-	6	9
	acres irrigated..	6 380	-	-	(D)	3 057	-	293	1 491
260 to 499 acres .....	farms..	145	5	7	12	96	4	11	52
	acres irrigated..	35 191	428	140	2 258	20 437	902	862	15 942
500 to 999 acres .....	farms..	119	6	13	11	135	6	6	50
	acres irrigated..	50 379	899	1 102	3 299	51 906	220	(D)	30 627
1,000 to 1,999 acres .....	farms..	74	2	14	12	75	2	2	43
	acres irrigated..	60 344	(D)	2 395	9 379	53 532	(D)	(D)	47 113
2,000 acres or more .....	farms..	44	19	24	11	39	6	42	28
	acres irrigated..	97 540	9 317	3 500	10 482	51 805	4 616	2 798	86 101
1982 irrigated acres by size of farm									
1 to 9 acres .....	farms..	519	11	19	40	54	-	46	83
	acres irrigated..	1 849	36	56	101	226	-	141	362
10 to 49 acres .....	farms..	470	27	43	61	64	6	57	201
	acres irrigated..	7 332	283	463	719	751	111	531	3 626
50 to 69 acres .....	farms..	52	5	13	7	9	4	16	21
	acres irrigated..	2 010	180	300	247	264	140	466	794
70 to 99 acres .....	farms..	71	1	11	10	13	5	12	29
	acres irrigated..	4 269	(D)	140	357	682	223	442	1 944
100 to 139 acres .....	farms..	43	2	16	7	6	1	20	32
	acres irrigated..	3 723	(D)	672	310	314	(D)	620	3 051
140 to 179 acres .....	farms..	46	2	8	6	16	4	17	29
	acres irrigated..	5 541	(D)	257	574	1 474	313	1 243	3 715
180 to 219 acres .....	farms..	27	2	-	-	10	2	6	21
	acres irrigated..	3 909	(D)	-	-	1 101	(D)	487	3 370
220 to 259 acres .....	farms..	27	4	6	-	11	-	8	12
	acres irrigated..	5 011	223	283	-	1 331	-	650	2 631
260 to 499 acres .....	farms..	111	3	13	13	58	2	17	67
	acres irrigated..	30 954	363	992	2 542	14 660	(D)	960	20 381
500 to 999 acres .....	farms..	132	8	17	19	86	5	15	78
	acres irrigated..	72 763	1 779	1 336	8 310	40 089	461	(D)	49 362
1,000 to 1,999 acres .....	farms..	80	7	15	11	75	1	2	55
	acres irrigated..	85 490	2 193	1 725	7 275	61 020	(D)	(D)	57 314
2,000 acres or more .....	farms..	50	16	23	21	52	5	34	39
	acres irrigated..	155 369	7 926	4 005	17 479	91 754	660	3 936	136 703

Table 8. Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms		Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>VALUE OF MACHINERY AND EQUIPMENT</b>									
Estimated market value of all machinery and equipment	farms, 1987..	7 635	379	837	294	157	318	102	109
	1982..	7 264	296	781	233	163	310	121	-
	\$1,000, 1987..	425 285	8 243	22 961	8 124	3 522	16 447	3 156	26 699
	1982..	407 289	9 915	27 714	6 868	2 323	16 547	2 782	-
Average per farm	dollars, 1987..	55 702	21 748	27 432	27 632	22 433	51 719	30 945	244 949
	1982..	56 069	33 496	35 486	29 475	14 254	53 377	22 989	-
Farms by value group:									
\$1 to \$9,999	1987..	2 778	203	390	135	39	60	32	33
	1982..	2 997	127	306	127	96	72	54	-
\$10,000 to \$19,999	1987..	1 479	80	173	70	40	94	29	12
	1982..	1 369	77	169	58	34	111	32	-
\$20,000 to \$29,999	1987..	784	19	73	18	35	36	8	8
	1982..	675	27	119	12	22	17	11	-
\$30,000 to \$49,999	1987..	807	30	96	36	31	35	18	5
	1982..	660	45	49	23	1	31	13	-
\$50,000 to \$69,999	1987..	471	17	39	11	8	21	7	3
	1982..	297	2	37	3	6	9	3	-
\$70,000 to \$99,999	1987..	365	25	20	16	2	25	4	8
	1982..	280	7	39	2	2	15	2	-
\$100,000 to \$199,999	1987..	529	2	31	4	1	31	2	17
	1982..	442	6	40	2	1	35	5	-
\$200,000 or more	1987..	422	3	15	4	1	16	2	23
	1982..	544	5	22	6	1	20	1	-
\$200,000 to \$499,999	1987..	310	3	12	2	1	14	1	14
	1982..	112	-	3	2	-	2	1	9
<b>SELECTED MACHINERY AND EQUIPMENT</b>									
Motortrucks, including pickups	farms, 1987..	6 890	357	765	288	147	310	90	96
	1982..	6 449	263	685	211	152	282	109	-
	number, 1987..	16 570	675	1 558	888	310	844	184	372
	1982..	16 596	920	1 416	726	274	647	218	-
Wheel tractors	farms, 1987..	5 398	243	619	112	94	240	83	77
	1982..	4 665	152	534	85	83	224	85	-
	number, 1987..	13 364	460	1 017	201	183	581	143	435
	1982..	12 262	390	1 047	156	106	506	143	-
Less than 40 horsepower (PTO)	farms, 1987..	3 014	143	316	45	63	131	52	46
	1982..	4 492	262	416	94	102	158	68	106
40 horsepower (PTO) or more	farms, 1987..	3 426	138	385	72	48	151	49	52
	1982..	8 872	198	601	107	81	423	75	329
Grain and bean combines <sup>1</sup>	farms, 1987..	332	15	67	-	1	44	4	5
	1982..	-	284	51	4	-	38	10	-
	number, 1987..	382	16	69	-	(D)	44	5	7
	1982..	369	-	56	4	-	38	10	-
Cottonpickers and strippers	farms, 1987..	772	-	60	-	1	71	9	21
	1982..	739	-	41	-	-	57	8	-
	number, 1987..	1 609	-	99	-	(D)	(D)	12	42
	1982..	1 723	-	68	-	-	78	(D)	-
Mower conditioners	farms, 1987..	834	60	86	17	11	40	24	32
	1982..	708	37	104	12	7	22	17	-
	number, 1987..	1 032	64	95	33	12	48	32	60
	1982..	861	38	108	12	10	23	17	-
Pickup balers	farms, 1987..	827	103	67	18	19	50	29	24
	1982..	800	53	100	16	17	33	23	-
	number, 1987..	1 138	140	73	26	21	54	31	52
	1982..	1 042	90	112	(D)	17	36	25	-
<b>1987 INVENTORY</b>									
Manufactured 1983 to 1987:									
Motortrucks, including pickups	farms..	3 564	193	296	169	77	174	42	45
	number..	6 116	356	357	406	99	254	52	174
Wheel tractors	farms..	1 498	52	115	36	21	60	7	29
	number..	2 789	106	159	51	25	81	9	147
Less than 40 horsepower (PTO)	farms..	534	26	83	10	9	16	3	2
	number..	725	76	101	17	12	16	3	(D)
40 horsepower (PTO) or more	farms..	1 045	28	42	28	12	45	4	29
	number..	2 064	30	58	34	13	65	6	(D)
Grain and bean combines	farms..	95	-	8	-	1	5	-	3
	number..	106	-	8	-	(D)	5	-	(D)
Cottonpickers and strippers	farms..	263	-	4	-	-	12	5	8
	number..	538	-	4	-	-	(D)	5	13
Mower conditioners	farms..	180	15	17	16	3	2	5	14
	number..	221	16	20	16	(D)	(D)	6	27
Pickup balers	farms..	181	28	3	-	4	2	3	16
	number..	230	41	6	-	4	(D)	3	23
Manufactured prior to 1983:									
Motortrucks, including pickups	farms..	5 155	216	612	206	125	262	74	82
	number..	10 454	319	1 201	482	211	590	132	198
Wheel tractors	farms..	4 682	195	531	100	88	224	80	70
	number..	10 575	354	858	150	158	500	134	288
Less than 40 horsepower (PTO)	farms..	2 565	119	241	45	58	115	49	45
	number..	3 767	186	315	77	90	142	65	(D)
40 horsepower (PTO) or more	farms..	2 998	112	354	60	44	150	49	45
	number..	6 808	168	543	73	68	358	69	(D)
Grain and bean combines	farms..	247	15	59	-	-	39	4	2
	number..	276	16	61	-	-	39	5	(D)
Cottonpickers and strippers	farms..	617	-	58	-	1	65	6	18
	number..	1 071	-	95	-	(D)	82	7	29
Mower conditioners	farms..	706	48	70	17	8	38	23	26
	number..	811	48	75	17	(D)	(D)	26	33
Pickup balers	farms..	682	87	66	18	15	48	26	16
	number..	908	99	67	26	17	(D)	28	29

See footnotes at end of table

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

All Farms	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment ----- farms, 1987 ..	2 329	236	377	511	723	176	478	609
..... 1982 ..	2 376	223	331	536	605	133	475	681
..... \$1,000, 1987 ..	132 039	7 464	12 300	15 526	85 513	3 330	11 671	68 293
..... 1982 ..	147 006	6 949	10 845	16 188	65 332	2 468	9 617	82 735
Average per farm ----- dollars, 1987 ..	56 693	31 627	32 625	30 383	118 275	18 918	24 416	112 140
..... 1982 ..	61 871	31 159	32 763	30 202	107 987	18 559	20 246	121 490
Farms by value group ----- 1987 ..	920	84	130	265	109	90	158	130
\$1 to \$9,999 ----- 1982 ..	1 066	83	167	282	162	70	244	141
\$10,000 to \$19,999 ----- 1987 ..	346	52	103	92	109	34	164	81
----- 1982 ..	350	65	58	118	105	28	87	77
\$20,000 to \$29,999 ----- 1987 ..	303	29	62	52	41	16	35	49
----- 1982 ..	192	29	39	51	38	11	55	52
\$30,000 to \$49,999 ----- 1987 ..	148	35	47	25	94	17	68	122
----- 1982 ..	242	10	18	34	53	13	36	92
\$50,000 to \$69,999 ----- 1987 ..	191	11	19	26	54	8	34	22
----- 1982 ..	68	5	31	10	40	1	33	49
\$70,000 to \$99,999 ----- 1987 ..	89	11	2	18	88	5	2	50
----- 1982 ..	97	14	3	7	27	6	6	53
\$100,000 to \$199,999 ----- 1987 ..	189	8	4	20	126	6	15	73
----- 1982 ..	147	11	7	19	75	3	11	80
\$200,000 or more ----- 1987 ..	143	6	10	13	102	-	2	82
----- 1982 ..	214	6	8	15	105	1	3	137
\$200,000 to \$499,999 ----- 1987 ..	112	5	6	10	75	-	1	54
\$500,000 or more ----- 1987 ..	31	1	4	3	27	-	1	28
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Motortrucks, including pickups ----- farms, 1987 ..	1 994	228	290	488	689	162	429	557
..... 1982 ..	2 040	210	309	497	573	106	413	599
..... number, 1987 ..	4 673	650	855	935	1 908	309	930	1 479
..... 1982 ..	4 891	508	1 089	1 035	1 829	230	912	1 901
Wheel tractors ----- farms, 1987 ..	1 743	157	252	238	626	56	342	516
..... 1982 ..	1 565	112	204	236	469	46	284	586
..... number, 1987 ..	4 538	277	406	489	2 091	88	541	1 914
..... 1982 ..	4 440	227	362	452	1 743	65	466	2 159
Less than 40 horsepower (PTO) ----- farms, 1987 ..	1 096	76	176	176	228	33	235	297
..... number, 1987 ..	1 444	128	231	216	362	41	330	534
40 horsepower (PTO) or more ----- farms, 1987 ..	1 049	100	119	145	541	33	160	384
..... number, 1987 ..	3 094	149	175	273	1 729	47	211	1 380
Grain and bean combines <sup>1</sup> ----- farms, 1987 ..	41	2	18	2	54	1	12	66
..... 1982 ..	33	2	1	19	46	3	2	75
..... number, 1987 ..	49	(D)	18	(D)	54	(D)	12	102
..... 1982 ..	40	(D)	(D)	20	69	3	(D)	124
Cottonpickers and snppers ----- farms, 1987 ..	284	5	-	19	225	-	-	77
..... 1982 ..	282	4	-	26	179	-	-	142
..... number, 1987 ..	705	9	-	34	428	-	-	175
..... 1982 ..	718	(D)	-	59	446	-	-	336
Mower conditioners ----- farms, 1987 ..	204	19	59	48	19	13	88	114
..... 1982 ..	169	43	31	29	68	8	55	106
..... number, 1987 ..	251	23	59	48	35	14	98	160
..... 1982 ..	210	52	39	34	78	8	63	169
Pickup balers ----- farms, 1987 ..	204	35	43	34	16	13	54	118
..... 1982 ..	190	32	51	42	51	11	80	101
..... number, 1987 ..	305	41	44	49	32	20	54	196
..... 1982 ..	245	37	51	49	77	(D)	81	194
<b>1987 INVENTORY</b>								
<b>Manufactured 1983 to 1987</b>								
Motortrucks, including pickups ----- farms ..	1 050	76	165	255	460	76	204	282
..... number ..	1 801	131	342	327	889	106	286	536
Wheel tractors ----- farms ..	446	30	36	57	340	14	60	195
..... number ..	850	39	55	75	667	18	61	446
Less than 40 horsepower (PTO) ----- farms ..	180	10	23	30	62	8	40	32
..... number ..	195	12	34	31	109	(D)	40	66
40 horsepower (PTO) or more ----- farms ..	300	21	15	27	296	8	20	170
..... number ..	655	27	21	44	558	(D)	21	380
Grain and bean combines ----- farms ..	9	-	-	-	33	-	-	36
..... number ..	13	-	-	-	33	-	-	42
Cottonpickers and snppers ----- farms ..	98	1	-	1	89	-	-	45
..... number ..	226	(D)	-	(D)	160	-	-	102
Mower conditioners ----- farms ..	33	12	16	3	4	3	3	33
..... number ..	39	12	16	3	7	3	3	48
Pickup balers ----- farms ..	36	10	9	-	3	2	3	62
..... number ..	39	12	9	-	4	(D)	3	82
<b>Manufactured prior to 1983</b>								
Motortrucks, including pickups ----- farms ..	1 453	194	187	328	494	122	349	451
..... number ..	2 872	519	513	608	1 019	203	644	943
Wheel tractors ----- farms ..	1 526	130	232	208	507	45	302	444
..... number ..	3 688	238	351	414	1 424	70	480	1 468
Less than 40 horsepower (PTO) ----- farms ..	857	67	146	146	173	26	203	275
..... number ..	1 249	116	197	185	253	(D)	290	468
40 horsepower (PTO) or more ----- farms ..	934	82	110	135	444	27	141	311
..... number ..	2 439	122	154	229	1 171	1	190	1 000
Grain and bean combines ----- farms ..	35	2	18	2	21	1	12	37
..... number ..	36	(D)	18	(D)	21	(D)	12	60
Cottonpickers and strippers ----- farms ..	240	5	-	18	170	-	-	36
..... number ..	479	(D)	-	(D)	268	-	-	73
Mower conditioners ----- farms ..	177	8	43	45	16	10	85	92
..... number ..	212	11	43	45	28	11	95	112
Pickup balers ----- farms ..	169	26	34	34	14	11	51	67
..... number ..	266	29	35	49	28	(D)	51	114

<sup>1</sup>Data for 1982 include self-propelled only

**Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

Chemicals used	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
Commercial fertilizer ----- farms, 1987..	3 074	117	242	24	24	168	38	90
----- farms, 1982..	3 006	75	237	26	40	150	53	-
acres on which used, 1987..	814 565	7 051	41 775	1 369	1 058	30 559	3 597	78 192
----- acres on which used, 1982..	966 275	4 512	55 012	3 581	491	39 564	2 059	-
Cropland fertilized, except pastureland ----- farms, 1987..	2 845	110	222	23	17	167	33	90
----- farms, 1982..	2 730	59	217	25	28	140	47	-
acres on which used, 1987..	799 467	5 750	36 975	(D)	632	30 079	3 390	(D)
----- acres on which used, 1982..	956 310	4 268	53 747	(D)	210	39 395	1 904	-
Pastureland and rangeland fertilized ----- farms, 1987..	329	23	27	1	9	18	7	2
----- farms, 1982..	380	22	24	1	12	15	17	-
acres on which used, 1987..	15 098	1 301	4 800	(D)	426	480	207	(D)
----- acres on which used, 1982..	9 965	244	1 265	(D)	281	169	155	-
Lime ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
acres on which used, 1987..	-	-	-	-	-	-	-	-
----- acres on which used, 1982..	-	-	-	-	-	-	-	-
tons, 1987..	-	-	-	-	-	-	-	-
----- tons, 1982..	-	-	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	2 228	15	154	17	15	110	16	89
----- farms, 1982..	1 866	18	115	9	12	93	15	-
acres on which used, 1987..	677 844	(D)	23 741	1 230	(D)	22 778	1 681	79 154
----- acres on which used, 1982..	788 261	126	36 293	157	12	27 990	734	-
Nematodes in crops ----- farms, 1987..	202	-	7	-	2	2	1	8
----- farms, 1982..	150	-	2	-	-	-	3	-
acres on which used, 1987..	32 365	-	112	(D)	(D)	(D)	(D)	944
----- acres on which used, 1982..	38 037	-	(D)	-	-	-	(D)	-
Diseases in crops and orchards ----- farms, 1987..	333	7	59	1	8	26	-	4
----- farms, 1982..	323	1	53	-	10	3	4	-
acres on which used, 1987..	61 965	7	9 594	(D)	11	2 017	-	(D)
----- acres on which used, 1982..	62 384	(D)	5 911	-	10	(D)	40	-
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	1 770	6	150	3	7	113	24	55
----- farms, 1982..	1 502	15	109	5	18	81	21	-
acres on which used, 1987..	538 181	1 299	32 539	(D)	(D)	17 935	2 790	64 480
----- acres on which used, 1982..	536 834	438	37 352	(D)	(D)	20 333	953	-
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	1 120	2	46	1	2	86	8	36
----- farms, 1982..	903	2	17	-	-	31	2	-
acres on which used, 1987..	311 847	(D)	7 437	(D)	(D)	10 103	540	23 557
----- acres on which used, 1982..	396 628	(D)	8 597	-	-	8 945	(D)	-
Chemicals used	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Commercial fertilizer ----- farms, 1987..	1 007	29	101	105	505	22	135	467
----- farms, 1982..	1 075	51	114	104	388	22	115	556
acres on which used, 1987..	257 654	8 644	4 685	22 095	175 475	984	3 470	177 957
----- acres on which used, 1982..	347 622	10 376	11 188	29 376	198 279	974	3 193	260 048
Cropland fertilized, except pastureland ----- farms, 1987..	889	28	91	74	503	17	114	467
----- farms, 1982..	971	40	96	82	365	22	82	556
acres on which used, 1987..	253 451	(D)	4 044	21 763	175 057	849	2 425	177 317
----- acres on which used, 1982..	345 373	10 002	10 461	27 474	197 377	(D)	1 922	(D)
Pastureland and rangeland fertilized ----- farms, 1987..	120	1	28	32	12	5	36	8
----- farms, 1982..	130	12	22	37	37	2	43	6
acres on which used, 1987..	4 203	(D)	641	332	418	135	1 045	640
----- acres on which used, 1982..	2 249	374	727	1 902	902	(D)	1 271	(D)
Lime ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
acres on which used, 1987..	-	-	-	-	-	-	-	-
----- acres on which used, 1982..	-	-	-	-	-	-	-	-
tons, 1987..	-	-	-	-	-	-	-	-
----- tons, 1982..	-	-	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	734	10	47	49	463	5	56	448
----- farms, 1982..	703	14	18	58	311	5	48	447
acres on which used, 1987..	214 264	6 206	2 052	18 632	148 019	724	1 467	156 729
----- acres on which used, 1982..	291 046	5 693	401	24 449	161 993	160	1 169	238 038
Nematodes in crops ----- farms, 1987..	96	-	8	1	32	-	25	20
----- farms, 1982..	67	3	-	6	19	1	6	43
acres on which used, 1987..	21 923	-	200	(D)	5 934	-	457	2 173
----- acres on which used, 1982..	24 683	(D)	-	939	3 582	(D)	30	8 043
Diseases in crops and orchards ----- farms, 1987..	56	-	1	9	33	3	21	105
----- farms, 1982..	82	7	7	9	50	5	15	77
acres on which used, 1987..	6 540	-	(D)	(D)	5 828	15	45	29 583
----- acres on which used, 1982..	11 722	(D)	14	(D)	5 878	43	48	29 343
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	602	18	37	68	389	15	52	231
----- farms, 1982..	571	14	21	68	200	10	60	309
acres on which used, 1987..	171 344	3 916	944	8 978	121 939	1 480	1 212	107 711
----- acres on which used, 1982..	178 358	2 335	219	22 484	112 370	664	1 135	159 637
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	361	2	-	30	387	2	24	133
----- farms, 1982..	435	3	2	21	201	1	1	187
acres on which used, 1987..	115 656	(D)	-	12 266	110 183	(D)	62	28 965
----- acres on which used, 1982..	169 999	1 887	(D)	8 858	104 344	(D)	(D)	93 518

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>FARMS</b>								
Land in farms .....	farms, 1987..	7 669	380	836	294	157	323	102
1982..	7 334	296	785	232	163	308	121	109
acres, 1987..	36 287 794	5 779 528	2 077 793	5 905 699	1 189 175	1 852 684	139 840	226 954
1982..	37 752 534	6 231 914	2 071 868	5 934 411	1 151 510	1 927 687	141 595	-
Harvested cropland .....	farms, 1987..	3 646	143	315	47	36	209	85
1982..	3 838	135	335	52	44	184	45	-
acres, 1987..	865 817	(D)	42 776	(D)	(D)	35 937	3 507	81 242
1982..	1 047 213	9 591	66 426	(D)	(D)	42 868	(D)	-
<b>TENURE OF OPERATOR</b>								
Full owners .....	farms, 1987..	5 044	223	544	223	120	204	74
1982..	4 990	191	509	176	130	198	92	33
acres, 1987..	23 429 445	4 720 286	499 758	4 415 605	1 077 449	1 496 484	26 214	148 786
1982..	23 832 820	5 093 794	461 864	4 065 495	1 070 530	1 438 981	20 956	-
Harvested cropland .....	farms, 1987..	2 063	72	220	35	29	118	31
1982..	2 424	88	242	33	41	93	44	15
acres, 1987..	252 825	7 219	17 877	1 597	195	11 993	648	14 145
1982..	350 607	7 696	32 288	2 570	283	9 172	1 051	-
Part owners .....	farms, 1987..	1 530	118	225	39	20	85	18
1982..	1 557	87	241	37	20	85	24	12
acres, 1987..	10 659 290	904 766	1 116 918	1 184 139	103 458	340 375	72 533	23 957
1982..	10 300 515	916 011	1 525 519	1 026 403	74 559	448 233	120 517	-
Owned land in farms .....	acres, 1987..	3 035 380	301 679	374 663	502 648	8 093	80 512	12 667
1982..	2 780 510	350 959	452 051	478 413	10 481	126 681	19 597	4 439
Rented land in farms .....	acres, 1987..	7 623 910	603 087	742 255	681 491	95 365	259 863	59 866
1982..	7 520 005	565 052	1 073 468	547 990	64 078	321 552	100 920	19 518
Harvested cropland .....	farms, 1987..	827	60	69	6	4	65	10
1982..	939	42	83	15	3	70	16	12
acres, 1987..	337 563	2 917	17 780	183	(D)	17 186	2 557	21 226
1982..	476 999	1 762	32 430	987	(D)	28 102	2 491	-
Tenants .....	farms, 1987..	1 095	39	67	32	17	34	10
1982..	787	18	35	19	13	25	5	64
acres, 1987..	2 199 059	154 476	461 117	305 955	8 268	15 825	41 093	54 211
1982..	3 619 199	222 109	84 485	842 513	6 421	40 473	122	-
Harvested cropland .....	farms, 1987..	756	11	25	6	3	26	4
1982..	475	5	10	4	-	21	3	58
acres, 1987..	275 429	(D)	7 119	(D)	(D)	6 758	302	45 871
1982..	219 607	133	1 708	(D)	-	5 594	(D)	-
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	1987..	4 679	227	573	179	112	187	73
1982..	4 566	161	553	140	121	194	88	59
Not on farm operated .....	1987..	2 469	115	215	100	34	105	22
1982..	2 034	101	163	54	22	75	21	46
Not reported .....	1987..	521	38	48	15	11	31	7
1982..	734	34	69	38	20	39	12	4
Operators by principal occupation:								
Farming .....	1987..	3 782	139	456	130	77	184	60
1982..	3 501	121	432	100	72	190	55	75
Other .....	1987..	3 887	241	380	164	80	139	42
1982..	3 833	175	353	132	91	118	66	34
Operators by days of work off farm								
None .....	1987..	2 830	105	336	93	62	130	38
1982..	2 569	85	293	91	64	130	34	45
Any .....	1987..	4 423	259	449	183	86	172	59
1982..	4 244	190	428	125	89	147	81	58
1 to 49 days .....	1987..	444	35	50	31	11	20	7
1982..	397	26	46	20	12	17	13	11
50 to 99 days .....	1987..	247	19	19	15	4	7	4
1982..	230	15	25	8	7	8	7	3
100 to 149 days .....	1987..	292	10	33	20	10	18	8
1982..	251	15	34	10	5	10	6	6
150 to 199 days .....	1987..	443	37	52	36	6	18	10
1982..	419	16	52	24	11	17	10	4
200 days or more .....	1987..	2 997	158	295	81	55	109	30
1982..	2 947	118	271	63	54	95	45	34
Not reported .....	1987..	416	16	51	18	9	21	5
1982..	521	21	64	16	10	31	6	6
Operators by years on present farm								
2 years or less .....	1987..	725	19	73	22	9	28	4
1982..	653	16	70	12	7	31	5	14
3 or 4 years .....	1987..	803	32	87	20	17	26	4
1982..	1 037	25	85	26	24	34	10	10
5 to 9 years .....	1987..	1 628	79	173	47	34	68	12
1982..	1 525	42	179	32	26	56	30	26
10 years or more .....	1987..	3 165	157	388	110	68	148	66
1982..	2 700	134	320	66	63	120	55	43
Average years on present farm .....	1987..	13.4	16.3	14.8	15.7	17.0	14.9	16.2
1982..	12.8	18.0	14.4	14.7	15.3	14.9	13.9	11.0
Not reported .....	1987..	1 348	93	115	95	29	53	16
1982..	1 419	79	131	96	43	67	21	-

Table 10. **Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>FARMS</b>								
Land in farms .....								
farms, 1987 .....	2 334	236	376	520	730	179	484	609
1982 .....	2 403	223	331	539	605	133	474	721
acres, 1987 .....	1 391 456	1 906 756	7 687 460	3 194 736	1 958 489	346 266	2 358 559	272 399
1982 .....	1 429 539	2 270 298	7 313 958	3 476 555	2 403 901	379 985	2 508 888	510 425
Harvested cropland .....								
farms, 1987 .....	1 169	69	125	140	535	31	159	538
1982 .....	1 357	72	150	152	439	24	176	655
acres, 1987 .....	269 748	10 130	4 878	25 125	186 567	(D)	3 720	186 954
1982 .....	370 976	11 792	7 368	34 928	210 252	1 778	(D)	277 149
<b>TENURE OF OPERATOR</b>								
Full owners .....								
farms, 1987 .....	1 631	173	264	384	327	126	330	388
1982 .....	1 709	150	228	416	343	90	327	431
acres, 1987 .....	296 008	759 283	6 181 540	2 473 060	869 908	147 304	253 653	64 107
1982 .....	343 859	800 750	6 185 314	2 471 310	932 036	123 108	584 827	239 996
Harvested cropland .....								
farms, 1987 .....	649	50	85	96	196	23	111	333
1982 .....	852	44	106	113	247	16	119	386
acres, 1987 .....	82 050	1 962	2 727	7 675	53 633	612	1 929	48 563
1982 .....	124 153	1 469	4 491	22 568	74 572	387	2 861	67 046
Part owners .....								
farms, 1987 .....	320	50	96	86	158	48	129	126
1982 .....	397	56	90	74	157	30	111	148
acres, 1987 .....	865 026	1 081 286	1 293 465	699 619	799 654	195 326	1 831 049	147 719
1982 .....	481 590	963 317	951 160	807 328	1 199 874	246 439	1 373 216	166 349
Owned land in farms .....								
acres, 1987 .....	106 082	328 088	258 831	155 113	146 533	52 294	629 842	73 896
1982 .....	131 464	309 254	115 912	146 889	167 262	51 797	341 951	77 779
Rented land in farms .....								
acres, 1987 .....	758 944	753 198	1 034 634	544 506	653 121	143 032	1 201 207	73 823
1982 .....	350 106	654 063	835 248	660 439	1 032 612	194 642	1 031 265	88 570
Harvested cropland .....								
farms, 1987 .....	231	16	38	23	118	6	45	124
1982 .....	314	25	42	24	110	3	50	142
acres, 1987 .....	106 539	3 374	(D)	9 625	53 785	1 076	1 781	97 067
1982 .....	188 361	5 961	(D)	4 047	85 034	871	3 105	120 939
Tenants .....								
farms, 1987 .....	383	13	16	50	245	5	25	95
1982 .....	297	17	13	49	105	13	36	142
acres, 1987 .....	230 422	66 187	212 455	22 057	288 927	3 636	273 857	60 573
1982 .....	604 090	506 231	177 484	197 917	271 991	10 438	550 845	104 080
Harvested cropland .....								
farms, 1987 .....	289	3	2	21	221	2	3	81
1982 .....	191	3	2	15	82	5	7	127
acres, 1987 .....	81 159	4 794	(D)	7 825	79 149	(D)	10	41 324
1982 .....	58 464	4 362	(D)	8 313	50 646	520	(D)	89 164
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence .....								
On farm operated .....								
1987 .....	1 431	137	258	380	331	121	354	257
1982 .....	1 537	140	233	411	290	96	315	287
Not on farm operated .....								
1987 .....	736	83	91	118	341	51	109	303
1982 .....	650	60	75	92	229	32	106	354
Not reported .....								
1987 .....	167	16	27	22	58	7	21	49
1982 .....	216	23	23	36	86	5	53	80
Operators by principal occupation .....								
Farming .....								
1987 .....	1 040	112	143	205	509	95	238	319
1982 .....	979	124	123	217	391	79	249	369
Other .....								
1987 .....	1 294	124	233	315	221	84	246	290
1982 .....	1 424	99	208	322	214	54	225	352
Operators by days of work off farm .....								
None .....								
1987 .....	828	89	101	152	349	69	195	238
1982 .....	777	82	85	144	266	53	185	260
Any .....								
1987 .....	1 398	136	262	333	328	103	263	334
1982 .....	1 484	122	230	363	271	63	249	402
1 to 49 days .....								
1987 .....	117	10	26	21	34	8	24	39
1982 .....	122	11	14	24	24	11	27	30
50 to 99 days .....								
1987 .....	63	9	19	22	22	4	21	16
1982 .....	52	15	10	27	17	2	15	22
100 to 149 days .....								
1987 .....	73	8	22	19	22	11	19	13
1982 .....	70	12	10	20	19	1	22	17
150 to 199 days .....								
1987 .....	112	16	25	29	26	17	29	26
1982 .....	121	8	26	42	26	7	36	23
200 days or more .....								
1987 .....	1 033	93	170	242	224	63	170	240
1982 .....	1 119	76	170	250	185	42	149	310
Not reported .....								
1987 .....	108	11	13	35	53	7	26	37
1982 .....	142	19	16	32	48	17	40	59
Operators by years on present farm .....								
2 years or less .....								
1987 .....	268	14	18	51	110	11	40	44
1982 .....	250	10	24	52	47	6	45	78
3 or 4 years .....								
1987 .....	273	19	23	61	102	22	47	60
1982 .....	358	38	49	96	83	21	73	115
5 to 9 years .....								
1987 .....	532	55	70	111	126	35	107	153
1982 .....	577	37	62	132	102	24	91	135
10 years or more .....								
1987 .....	888	101	162	220	258	92	224	240
1982 .....	809	85	118	187	238	69	185	251
Average years on present farm .....								
1987 .....	11.4	16.3	16.7	11.8	12.0	15.7	14.3	13.2
1982 .....	10.8	15.7	14.3	10.3	14.1	16.0	13.4	11.9
Not reported .....								
1987 .....	373	47	103	77	134	19	66	112
1982 .....	409	53	78	72	135	13	80	142



Table 10. **Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>OPERATOR CHARACTERISTICS—</b>									
Con.									
Operators by age group:									
Under 25 years	1987..	86	6	7	4	-	5	2	-
	1982..	58	2	3	1	-	1	-	-
25 to 34 years	1987..	691	34	60	41	6	22	11	8
	1982..	770	29	73	25	12	28	12	-
35 to 44 years	1987..	1 768	95	154	68	28	65	22	26
	1982..	1 739	54	145	47	36	57	28	-
45 to 54 years	1987..	1 920	77	189	62	36	88	21	34
	1982..	1 895	58	204	56	43	101	29	-
55 to 64 years	1987..	1 842	104	241	60	47	80	24	30
	1982..	1 790	66	218	84	40	86	24	-
55 to 59 years	1987..	968	55	115	27	27	55	18	12
60 to 84 years	1987..	874	49	126	33	20	25	6	18
65 years and over	1987..	1 362	84	185	58	40	82	22	11
	1982..	1 062	87	142	39	32	55	28	-
65 to 69 years	1987..	623	16	87	21	20	25	6	4
70 years and over	1987..	738	48	98	37	20	37	16	7
Average age	1987..	51.5	51.5	54.0	51.4	55.1	52.2	52.1	51.0
	1982..	50.5	54.5	52.5	51.5	52.4	51.5	52.1	-
Operators by sex									
Male	farms, 1987..	6 806	338	762	254	135	316	98	102
	1982..	6 719	272	732	204	141	294	112	-
	acres, 1987..	35 235 323	5 640 153	1 923 322	5 884 188	1 184 229	1 774 253	138 356	226 070
	1982..	37 107 904	6 203 620	1 952 387	5 879 213	1 138 455	1 875 107	140 517	-
Female	farms, 1987..	863	42	74	40	22	7	4	7
	1982..	615	24	53	28	22	14	9	-
	acres, 1987..	1 052 471	139 375	154 471	21 511	4 946	78 431	1 462	884
	1982..	644 630	28 294	119 481	55 198	13 055	52 580	1 078	-
<b>TYPE OF ORGANIZATION</b>									
Individual or family (sole proprietorship)	farms, 1987..	5 356	305	677	217	118	222	72	59
	1982..	5 438	237	645	155	130	218	101	-
	acres, 1987..	6 170 484	795 190	1 066 995	392 853	122 430	297 749	65 399	18 827
	1982..	7 441 737	1 063 536	1 140 266	446 969	60 219	272 249	77 547	-
Partnership	farms, 1987..	1 369	22	102	30	22	73	28	31
	1982..	1 019	24	93	18	18	58	17	-
	acres, 1987..	4 574 856	144 561	(D)	506 460	14 220	143 176	(D)	30 193
	1982..	4 097 137	92 987	(D)	300 154	11 314	190 348	(D)	-
Corporation:									
Family held	farms, 1987..	609	28	45	8	3	13	1	13
	1982..	549	16	33	9	6	12	1	-
	acres, 1987..	2 836 580	(D)	443 017	117 327	(D)	(D)	(D)	27 039
	1982..	3 998 167	268 913	354 411	794 782	28 003	88 952	(D)	-
Other than family held	farms, 1987..	115	1	5	3	1	2	-	-
	1982..	125	3	6	3	-	6	2	-
	acres, 1987..	1 117 865	(D)	(D)	593 861	(D)	(D)	(D)	-
	1982..	1 098 636	54 743	56 310	637 852	-	27 771	(D)	-
Other—cooperative, estate or trust, institutional, etc	farms, 1987..	220	24	7	36	13	13	1	6
	1982..	203	16	8	47	9	14	-	-
	acres, 1987..	21 588 009	4 465 744	(D)	4 295 198	1 052 073	1 385 368	(D)	150 895
	1982..	21 116 837	4 751 735	(D)	3 754 654	1 051 974	1 348 367	-	-

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>OPERATOR CHARACTERISTICS—</b>								
<b>Con.</b>								
Operators by age group								
Under 25 years ----- 1987 ..	23	2	2	6	13	-	2	14
----- 1982 ..	21	-	3	12	7	-	1	7
25 to 34 years ----- 1987 ..	228	31	36	36	105	5	21	47
----- 1982 ..	281	25	31	57	60	6	39	92
35 to 44 years ----- 1987 ..	634	47	81	130	157	39	90	131
----- 1982 ..	689	34	103	153	140	23	94	136
45 to 54 years ----- 1987 ..	651	33	107	159	173	24	126	139
----- 1982 ..	648	51	79	144	169	20	108	185
55 to 64 years ----- 1987 ..	476	60	80	109	186	51	118	176
----- 1982 ..	533	54	69	119	163	37	123	214
55 to 59 years ----- 1987 ..	266	32	48	55	93	26	54	85
60 to 64 years ----- 1987 ..	210	28	32	54	93	25	64	91
65 years and over ----- 1987 ..	322	63	70	80	96	60	127	102
----- 1982 ..	231	59	46	54	66	47	109	87
65 to 69 years ----- 1987 ..	173	19	31	44	54	14	56	53
70 years and over ----- 1987 ..	149	44	39	36	42	46	71	49
Average age ----- 1987 ..	49.6	53.7	51.4	50.6	49.4	57.6	55.1	51.7
----- 1982 ..	48.4	54.1	49.6	48.3	50.0	57.4	53.5	50.2
Operators by sex								
Male ----- farms, 1987 ..	2 017	199	350	418	655	148	432	582
----- 1982 ..	2 190	199	313	452	568	116	423	703
acres, 1987 ..	1 356 681	1 654 761	7 654 841	3 175 670	1 817 460	269 858	2 274 840	260 639
----- 1982 ..	1 413 613	2 178 789	7 303 287	3 458 495	2 323 423	286 287	2 449 672	505 039
Female ----- farms, 1987 ..	317	37	26	102	75	31	52	27
----- 1982 ..	213	24	18	87	37	17	51	18
acres, 1987 ..	34 775	251 995	32 619	19 066	141 029	76 408	83 719	11 760
----- 1982 ..	15 926	91 509	10 671	18 060	80 478	93 698	59 216	5 386
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms, 1987 ..	1 587	172	299	397	391	125	338	377
----- 1982 ..	1 798	163	271	441	382	95	350	452
acres, 1987 ..	301 214	517 277	934 585	176 104	434 588	164 739	808 706	73 828
----- 1982 ..	514 799	804 591	697 194	368 346	625 996	254 240	1 011 351	104 434
Partnership ----- farms, 1987 ..	475	29	42	59	211	31	78	136
----- 1982 ..	326	30	30	45	116	19	70	155
acres, 1987 ..	723 747	237 367	574 405	287 776	366 790	102 526	822 807	79 028
----- 1982 ..	594 383	321 371	299 941	228 118	539 636	51 873	843 334	107 306
Corporation								
Family held ----- farms, 1987 ..	212	21	10	28	94	20	46	67
----- 1982 ..	213	20	11	31	72	12	40	73
acres, 1987 ..	224 446	311 884	(D)	140 494	310 172	76 040	538 615	60 891
----- 1982 ..	164 819	542 779	194 358	374 237	376 796	(D)	593 765	98 239
Other than family held ----- farms, 1987 ..	35	3	2	12	23	3	6	19
----- 1982 ..	40	-	4	5	21	3	5	27
acres, 1987 ..	68 233	163 257	(D)	154 555	13 750	2 961	15 000	39 792
----- 1982 ..	92 991	-	2 212	119 129	50 135	(D)	3 869	46 113
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987 ..	25	11	23	24	11	-	16	10
----- 1982 ..	26	10	15	17	14	4	9	14
acres, 1987 ..	73 816	676 971	6 018 966	2 435 807	833 189	-	173 431	18 860
----- 1982 ..	62 547	601 557	6 120 253	2 386 725	811 338	(D)	56 569	154 333

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>INVENTORY</b>								
Cattle and calves .....								
farms, 1987..	3 521	300	544	227	125	166	76	23
1982..	3 792	240	518	171	133	166	91	-
number, 1987..	1 110 912	57 691	77 788	61 494	31 613	35 648	12 262	(D)
1982..	1 139 377	60 010	66 150	52 575	27 696	41 342	13 134	-
Farms by inventory								
1 to 9 .....								
farms, 1987..	986	62	125	57	25	36	15	10
1982..	1 204	60	117	41	33	38	29	-
number, 1987..	4 467	313	627	298	148	141	97	43
1982..	5 558	298	584	225	175	187	125	-
10 to 19 .....								
farms, 1987..	495	59	70	38	15	25	12	2
1982..	537	27	72	33	23	25	11	-
number, 1987..	6 631	797	986	513	204	299	159	(D)
1982..	7 236	372	975	454	320	341	143	-
20 to 49 .....								
farms, 1987..	603	78	127	39	22	23	12	3
1982..	613	58	113	28	23	20	13	-
number, 1987..	18 582	2 347	4 055	1 142	644	607	417	90
1982..	18 837	1 758	3 513	772	725	650	416	-
50 to 99 .....								
farms, 1987..	367	33	68	32	12	24	11	3
1982..	326	23	51	18	13	24	12	-
number, 1987..	25 070	2 344	4 655	2 140	853	1 586	(D)	197
1982..	22 392	1 630	3 518	1 307	930	1 478	876	-
100 to 199 .....								
farms, 1987..	296	19	62	19	12	21	6	-
1982..	320	22	79	13	9	16	7	-
number, 1987..	40 751	2 418	8 706	2 628	1 789	2 731	(D)	-
1982..	44 210	2 897	10 830	1 759	1 105	2 315	(D)	-
200 to 499 .....								
farms, 1987..	396	21	57	17	19	19	15	3
1982..	367	23	54	17	17	23	10	-
number, 1987..	123 462	5 755	17 521	5 439	5 441	6 098	4 758	973
1982..	116 107	6 759	17 364	5 913	5 113	6 831	(D)	-
500 or more .....								
farms, 1987..	378	28	35	25	20	18	5	2
1982..	425	27	32	21	15	20	9	-
number, 1987..	891 949	43 717	41 238	49 334	22 534	24 186	5 153	(D)
1982..	925 037	46 296	29 366	42 145	19 328	29 540	7 521	-
Cows and heifers that had calved .....								
farms, 1987..	2 738	243	482	171	112	134	69	17
1982..	2 889	205	441	148	116	135	76	-
number, 1987..	421 131	32 502	42 500	33 846	17 621	20 380	8 620	1 530
1982..	394 851	34 123	35 722	26 035	15 926	20 653	8 577	-
Beef cows .....								
farms, 1987..	2 497	234	460	168	107	123	67	16
1982..	2 523	189	423	146	108	118	71	-
number, 1987..	334 851	32 415	42 094	33 833	17 572	(D)	(D)	(D)
1982..	313 040	34 037	35 236	25 991	15 895	20 119	(D)	-
1987 farms by inventory								
1 to 9 .....								
farms..	759	62	120	43	22	32	18	7
number..	3 087	317	495	164	89	(D)	79	35
10 to 19 .....								
farms..	327	47	67	25	15	15	6	2
number..	4 360	623	933	329	187	182	89	(D)
20 to 49 .....								
farms..	453	54	111	32	14	19	12	1
number..	14 226	1 680	3 472	1 030	406	643	402	(D)
50 to 99 .....								
farms..	245	22	41	22	13	16	8	1
number..	16 741	1 433	2 770	1 518	931	1 091	(D)	(D)
100 to 199 .....								
farms..	275	15	60	12	17	16	13	1
number..	38 172	2 110	8 057	1 566	2 310	2 179	1 968	(D)
200 to 499 .....								
farms..	287	18	46	18	17	15	8	4
number..	87 369	5 661	13 667	5 464	5 582	4 320	2 417	1 155
500 or more .....								
farms..	151	16	15	16	9	10	2	-
number..	170 896	20 591	12 700	23 762	8 067	(D)	(D)	-
Milk cows .....								
farms, 1987..	476	31	57	5	16	22	13	2
1982..	730	47	81	12	19	34	20	-
number, 1987..	86 280	87	406	13	49	(D)	(D)	(D)
1982..	81 811	86	486	44	31	534	(D)	-
1987 farms by inventory								
1 to 9 .....								
farms..	332	30	52	5	15	21	12	2
number..	617	(D)	71	13	(D)	30	21	(D)
10 to 19 .....								
farms..	10	1	1	-	1	-	-	-
number..	121	(D)	(D)	-	(D)	-	-	-
20 to 49 .....								
farms..	7	-	2	-	-	-	-	-
number..	215	-	(D)	-	-	-	-	-
50 to 99 .....								
farms..	4	-	1	-	-	-	-	-
number..	305	-	(D)	-	-	-	-	-
100 to 199 .....								
farms..	12	-	-	-	-	-	-	-
number..	1 709	-	-	-	-	-	-	-
200 to 499 .....								
farms..	44	-	1	-	-	-	-	-
number..	14 683	-	(D)	-	-	-	-	-
500 or more .....								
farms..	67	-	-	-	-	1	1	-
number..	68 630	-	-	-	-	(D)	(D)	-
Heifers and heifer calves .....								
farms, 1987..	2 540	215	385	183	96	135	61	11
1982..	2 819	194	421	143	120	137	71	-
number, 1987..	160 302	12 816	13 810	13 138	6 285	7 464	1 624	446
1982..	175 230	14 246	14 290	12 508	5 814	10 147	2 188	-
Steers, steer calves, bulls, and bull calves .....								
farms, 1987..	2 903	251	454	195	110	144	65	13
1982..	3 318	212	459	156	123	147	72	-
number, 1987..	529 479	12 373	21 478	14 510	7 707	7 804	2 018	(D)
1982..	569 296	11 641	16 138	14 032	5 956	10 542	2 369	-

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>INVENTORY</b>								
Cattle and calves .....								
farms, 1987 ..	693	146	303	191	192	137	332	66
1982 ..	1 025	163	263	235	238	98	357	94
number, 1987 ..	210 759	34 773	57 684	47 133	268 994	24 895	72 881	(D)
1982 ..	275 203	34 196	55 994	51 566	235 663	18 449	69 711	137 688
Farms by inventory .....								
1 to 9 .....								
farms, 1987 ..	286	21	91	56	56	13	94	39
1982 ..	456	32	89	89	66	15	101	38
number, 1987 ..	1 146	84	457	241	256	53	398	165
1982 ..	1 988	129	467	362	284	92	479	163
10 to 19 .....								
farms, 1987 ..	105	8	52	22	17	16	44	10
1982 ..	169	11	39	30	27	9	54	7
number, 1987 ..	1 370	114	689	279	255	230	597	(D)
1982 ..	2 175	139	546	420	366	124	750	111
20 to 49 .....								
farms, 1987 ..	65	26	67	25	26	32	52	6
1982 ..	116	34	54	33	35	26	42	18
number, 1987 ..	1 828	861	2 161	792	740	1 075	1 668	155
1982 ..	3 194	1 217	1 714	1 059	1 153	834	1 358	474
50 to 99 .....								
farms, 1987 ..	49	27	24	27	19	19	20	3
1982 ..	45	24	20	23	17	10	34	12
number, 1987 ..	3 121	1 902	1 690	1 863	959	1 338	1 438	(D)
1982 ..	3 096	1 719	1 336	1 556	1 212	680	2 306	748
100 to 199 .....								
farms, 1987 ..	34	15	25	18	18	18	28	1
1982 ..	46	21	27	13	25	6	34	2
number, 1987 ..	4 982	2 129	3 419	2 382	2 338	2 477	3 733	(D)
1982 ..	6 231	2 898	3 739	1 948	3 453	798	4 873	(D)
200 to 499 .....								
farms, 1987 ..	58	33	22	20	26	26	56	4
1982 ..	69	15	16	18	27	20	52	6
number, 1987 ..	19 791	9 751	6 272	6 191	9 099	7 946	17 441	986
1982 ..	23 195	5 180	5 635	5 183	7 992	6 432	15 779	(D)
500 or more .....								
farms, 1987 ..	96	16	22	23	34	13	38	3
1982 ..	124	26	18	29	41	12	40	11
number, 1987 ..	178 521	19 932	42 996	35 385	255 347	11 776	47 606	(D)
1982 ..	235 324	22 914	42 557	41 038	221 203	9 489	44 166	134 150
Cows and heifers that had calved .....								
farms, 1987 ..	431	122	239	137	144	123	271	43
1982 ..	618	143	215	185	168	86	295	58
number, 1987 ..	95 744	20 185	35 760	30 522	22 121	16 748	41 552	1 500
1982 ..	93 033	19 756	30 973	32 515	22 629	11 859	39 335	3 715
Beef cows .....								
farms, 1987 ..	298	121	227	127	129	122	260	38
1982 ..	417	135	196	172	148	84	270	46
number, 1987 ..	22 945	20 107	35 565	(D)	16 548	16 717	41 343	(D)
1982 ..	22 771	(D)	30 640	(D)	20 024	11 825	38 621	(D)
1987 farms by inventory:								
1 to 9 .....								
farms ..	165	14	77	33	40	13	86	27
number ..	549	60	327	(D)	154	76	362	76
10 to 19 .....								
farms ..	35	6	41	12	17	19	17	3
number ..	424	83	568	171	231	265	216	(D)
20 to 49 .....								
farms ..	25	32	36	29	20	32	32	4
number ..	723	971	1 157	918	623	1 052	990	(D)
50 to 99 .....								
farms ..	22	20	16	15	17	8	24	-
number ..	1 509	1 310	1 071	1 011	1 237	543	1 710	-
100 to 199 .....								
farms ..	17	17	26	13	10	19	36	3
number ..	(D)	2 321	3 566	1 883	1 409	2 771	5 194	520
200 to 499 .....								
farms ..	23	22	16	10	18	24	47	1
number ..	(D)	6 099	5 156	2 960	5 664	7 012	15 334	(D)
500 or more .....								
farms ..	11	10	15	15	7	7	18	-
number ..	10 979	9 263	23 720	18 797	7 230	4 998	17 537	-
Milk cows .....								
farms, 1987 ..	164	15	46	18	29	15	36	7
1982 ..	272	24	68	31	29	15	59	19
number, 1987 ..	72 799	78	195	(D)	5 573	31	209	(D)
1982 ..	70 262	(D)	333	(D)	2 605	34	714	(D)
1987 farms by inventory:								
1 to 9 .....								
farms ..	54	13	43	13	19	15	33	5
number ..	96	(D)	70	28	44	31	57	8
10 to 19 .....								
farms ..	2	1	2	1	-	-	1	-
number ..	(D)	(D)	(D)	(D)	-	-	(D)	-
20 to 49 .....								
farms ..	3	1	-	-	-	-	1	-
number ..	95	(D)	-	-	-	-	(D)	-
50 to 99 .....								
farms ..	1	-	1	-	-	-	-	1
number ..	(D)	-	(D)	-	-	-	-	(D)
100 to 199 .....								
farms ..	10	-	-	1	-	-	1	-
number ..	(D)	-	-	(D)	-	-	(D)	-
200 to 499 .....								
farms ..	38	-	-	1	3	-	-	1
number ..	12 964	-	-	(D)	860	-	-	(D)
500 or more .....								
farms ..	56	-	-	2	7	-	-	-
number ..	58 061	-	-	(D)	4 669	-	-	-
Heifers and heifer calves .....								
farms, 1987 ..	431	119	233	145	130	98	251	47
1982 ..	648	135	211	174	163	76	265	61
number, 1987 ..	44 486	6 913	12 008	9 573	10 429	3 552	16 943	815
1982 ..	52 311	8 159	12 768	9 478	12 958	2 730	14 027	3 606
Steers, steer calves, bulls, and bull calves .....								
farms, 1987 ..	519	128	251	164	163	124	274	48
1982 ..	848	145	240	206	221	93	316	80
number, 1987 ..	70 529	7 675	9 916	7 038	236 444	4 595	14 386	(D)
1982 ..	129 859	6 281	12 253	9 573	200 076	3 860	16 349	130 367

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>SALES</b>								
Dairy products sold .....								
farms, 1987 .....	169	6	5	1	3	4	2	-
1982 .....	238	4	16	3	2	7	2	-
\$1,000, 1987 .....	168 400	(D)	594	(D)	(D)	(D)	(D)	-
1982 .....	151 702	(D)	804	(D)	(D)	(D)	(D)	-
Cattle and calves sold .....								
farms, 1987 .....	3 302	293	510	213	121	168	71	19
1982 .....	3 346	219	482	163	121	158	75	-
number, 1987 .....	1 009 492	34 886	57 046	32 218	13 333	19 243	(D)	(D)
1982 .....	1 020 088	23 787	42 517	26 556	10 368	26 107	6 516	-
\$1,000, 1987 .....	506 565	12 334	23 619	12 736	4 745	6 541	2 502	224
1982 .....	502 402	8 352	14 051	10 137	3 450	8 491	2 006	-
1987 farms by number sold:								
1 to 9 .....	1 115	129	133	93	38	49	26	6
farms .....	4 922	558	655	370	215	216	142	25
number .....	486	48	89	24	14	29	8	4
10 to 19 .....	6 467	615	1 206	293	179	408	108	(D)
farms .....	542	47	111	36	20	36	7	3
number .....	16 353	1 513	3 245	1 105	663	1 099	230	100
20 to 49 .....	317	20	58	16	15	10	8	3
farms .....	22 453	1 325	4 261	1 166	1 102	777	490	(D)
number .....								
100 to 199 .....	314	22	46	11	15	20	13	3
farms .....	43 296	3 163	5 986	1 532	(D)	2 632	1 824	(D)
number .....	301	13	52	14	15	17	6	-
200 to 499 .....	92 924	3 781	14 972	4 117	(D)	5 143	(D)	-
farms .....	227	14	21	19	4	7	3	-
number .....	823 077	23 931	26 721	23 635	4 496	8 968	(D)	-
500 or more .....								
Calves sold .....								
farms, 1987 .....	2 252	210	375	159	76	106	54	16
1982 .....	2 124	159	330	107	63	111	57	-
number, 1987 .....	218 160	17 027	20 150	10 223	3 135	5 869	5 048	434
1982 .....	142 493	9 945	19 062	6 840	2 400	5 295	4 108	(D)
\$1,000, 1987 .....	54 685	4 946	5 885	3 031	874	1 498	1 699	(D)
1982 .....	29 456	2 402	4 086	1 815	607	1 378	1 033	-
1987 farms by number sold:								
1 to 9 .....	898	110	126	87	28	40	18	7
farms .....	3 606	429	551	335	118	172	94	26
number .....	327	24	81	18	10	16	7	5
10 to 19 .....	4 390	306	1 110	214	148	228	94	73
farms .....	370	31	74	19	20	24	9	2
number .....	11 004	954	2 187	539	652	649	305	(D)
20 to 49 .....	216	17	34	14	7	12	5	-
farms .....	15 036	1 137	2 409	1 103	476	870	405	-
number .....								
100 to 199 .....	209	18	35	9	9	9	8	2
farms .....	27 852	2 376	4 819	1 168	(D)	1 328	1 014	(D)
number .....	161	4	20	5	2	3	6	-
200 to 499 .....	47 022	1 025	5 174	1 576	(D)	(D)	(D)	-
farms .....	71	6	5	7	-	2	1	-
number .....	109 250	10 800	3 900	5 288	-	(D)	(D)	-
500 or more .....								
Cattle sold .....								
farms, 1987 .....	2 587	222	406	155	95	130	55	14
1982 .....	2 606	170	383	126	101	113	56	-
number, 1987 .....	791 332	17 859	36 896	21 995	10 198	13 354	2 417	(D)
1982 .....	877 595	13 842	23 455	19 716	7 968	20 812	2 408	-
\$1,000, 1987 .....	451 880	7 389	17 735	9 705	3 871	5 043	803	(D)
1982 .....	472 946	5 950	9 964	8 322	2 843	7 113	973	-
1987 farms by number sold:								
1 to 9 .....	1 136	122	172	79	34	50	25	6
farms .....	4 437	469	719	260	189	205	90	25
number .....	370	27	72	17	15	19	8	-
10 to 19 .....	4 868	370	947	209	188	241	98	-
farms .....	371	38	62	18	10	20	12	6
number .....	10 921	1 116	1 783	(D)	263	585	336	197
20 to 49 .....	208	10	39	6	12	14	4	1
farms .....	14 545	690	2 788	(D)	878	1 092	243	(D)
number .....								
100 to 199 .....	182	5	19	10	9	11	3	1
farms .....	24 730	605	2 507	1 162	(D)	1 454	520	(D)
number .....	184	11	29	12	11	11	3	-
200 to 499 .....	55 815	3 686	8 522	3 438	(D)	3 286	1 130	-
farms .....	136	9	13	13	4	5	-	-
number .....	676 016	10 923	19 630	15 956	4 249	6 491	-	-
500 or more .....								
Cattle fattened on grain and concentrates sold .....								
farms, 1987 .....	314	21	28	5	3	5	-	3
1982 .....	489	19	38	16	10	17	3	-
number, 1987 .....	508 829	226	(D)	(D)	(D)	19	-	6
1982 .....	633 389	(D)	713	(D)	(D)	(D)	(D)	-
\$1,000, 1987 .....	330 168	91	(D)	(D)	(D)	17	-	4
1982 .....	371 528	(D)	320	(D)	(D)	(D)	(D)	-
1987 farms by number sold:								
1 to 9 .....	206	20	22	3	1	5	-	3
farms .....	558	(D)	57	12	(D)	19	-	6
number .....	22	-	2	-	-	-	-	-
10 to 19 .....	295	-	(D)	-	-	-	-	-
farms .....	12	-	1	1	-	-	-	-
number .....	421	-	(D)	(D)	-	-	-	-
20 to 49 .....	16	-	2	-	1	-	-	-
farms .....	1 148	-	(D)	-	(D)	-	-	-
number .....								
100 to 199 .....	14	1	-	-	-	-	-	-
farms .....	2 092	(D)	-	-	-	-	-	-
number .....	8	-	-	1	-	-	-	-
200 to 499 .....	2 551	-	-	(D)	-	-	-	-
farms .....	36	-	1	-	1	-	-	-
number .....	501 764	-	(D)	-	(D)	-	-	-

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>SALES</b>								
Dairy products sold ----- farms, 1987 ..	114	1	6	4	14	1	5	3
1982 ..	154	4	15	9	6	-	11	5
\$1,000, 1987 ..	141 680	(D)	239	(D)	11 849	(D)	(D)	(D)
1982 ..	132 040	(D)	353	(D)	(D)	-	(D)	(D)
Cattle and calves sold ----- farms, 1987 ..	615	143	287	179	184	133	319	47
1982 ..	852	145	224	213	205	95	317	77
number, 1987 ..	193 787	19 577	29 113	29 495	367 367	17 156	41 915	(D)
1982 ..	333 232	20 413	30 606	29 958	283 713	12 314	37 776	136 225
\$1,000, 1987 ..	84 791	7 112	10 755	10 152	212 408	6 142	15 797	96 705
1982 ..	156 466	6 919	10 888	10 560	178 385	3 843	13 877	74 977
1987 farms by number sold ----- farms ..	223	24	144	56	48	17	105	24
1 to 9 ----- number ..	925	100	624	263	212	104	417	96
10 to 19 ----- farms ..	95	24	39	23	22	29	32	6
20 to 49 ----- number ..	1 274	340	500	295	304	408	407	(D)
50 to 99 ----- farms ..	80	28	35	27	27	27	51	7
number ..	2 358	832	994	761	759	887	1 579	228
100 to 199 ----- farms ..	47	22	20	27	16	16	38	1
200 to 499 ----- number ..	3 138	1 444	1 525	1 936	1 097	1 202	2 717	(D)
500 or more ----- farms ..	49	18	23	15	23	15	39	2
number ..	(D)	2 223	3 219	1 985	3 184	2 240	5 629	(D)
200 to 499 ----- farms ..	56	17	14	15	20	23	37	2
number ..	(D)	4 804	4 823	4 644	6 395	7 243	12 671	(D)
500 or more ----- farms ..	65	10	12	16	28	6	17	5
number ..	161 357	9 834	17 428	19 611	355 416	5 072	18 495	(D)
Calves sold ----- farms, 1987 ..	379	100	214	117	100	111	216	19
1982 ..	527	102	138	129	105	70	190	36
number, 1987 ..	51 577	8 259	14 257	7 931	43 940	10 144	19 291	855
1982 ..	39 201	7 995	10 287	8 736	8 284	6 233	12 956	1 151
\$1,000, 1987 ..	4 037	2 478	4 174	1 719	(D)	3 231	6 326	126
1982 ..	4 850	2 023	2 550	1 734	1 753	1 630	3 370	223
1987 farms by number sold ----- farms ..	144	18	125	45	35	30	79	6
1 to 9 ----- number ..	556	71	437	219	139	182	251	26
10 to 19 ----- farms ..	53	18	22	15	16	20	17	5
20 to 49 ----- number ..	700	246	281	208	226	265	231	60
50 to 99 ----- farms ..	48	20	21	20	17	16	43	6
number ..	1 440	590	619	534	509	479	1 314	(D)
100 to 199 ----- farms ..	31	16	14	18	13	10	25	-
200 to 499 ----- number ..	1 998	1 100	941	1 267	982	619	1 729	-
500 or more ----- farms ..	30	13	16	11	4	19	25	1
number ..	(D)	1 664	2 052	1 324	559	2 723	3 626	(D)
200 to 499 ----- farms ..	49	12	8	6	13	74	21	-
number ..	(D)	2 718	2 456	(D)	(D)	3 697	6 496	-
500 or more ----- farms ..	24	3	8	2	2	6	6	1
number ..	27 688	1 870	7 471	(D)	(D)	2 179	5 644	(D)
Cattle sold ----- farms, 1987 ..	485	113	221	141	159	96	257	38
1982 ..	643	106	186	165	161	74	257	65
number, 1987 ..	142 210	11 318	14 856	21 564	323 427	7 012	22 624	(D)
1982 ..	294 031	12 418	20 319	21 222	275 429	6 081	24 820	135 074
\$1,000, 1987 ..	80 754	4 633	6 581	8 434	(D)	2 911	9 471	96 578
1982 ..	151 616	4 896	8 338	8 826	176 632	2 213	10 507	74 754
1987 farms by number sold ----- farms ..	211	40	128	65	54	31	97	22
1 to 9 ----- number ..	784	178	469	273	195	135	352	94
10 to 19 ----- farms ..	69	17	28	12	20	20	41	5
20 to 49 ----- number ..	963	221	362	145	261	255	546	62
50 to 99 ----- farms ..	56	23	26	15	20	21	41	3
number ..	1 675	637	737	431	575	653	1 229	(D)
100 to 199 ----- farms ..	39	11	15	15	9	8	25	-
200 to 499 ----- number ..	2 737	738	1 100	1 005	633	518	1 691	-
500 or more ----- farms ..	44	7	9	11	19	5	26	3
number ..	6 341	930	1 326	1 267	2 407	742	3 535	(D)
200 to 499 ----- farms ..	40	10	8	12	11	9	17	-
number ..	12 031	3 169	2 596	3 911	3 137	(D)	5 170	-
500 or more ----- farms ..	26	5	7	11	26	2	10	5
number ..	117 679	5 445	8 266	14 532	316 219	(D)	10 101	(D)
Cattle fattened on grain and concentrates sold ----- farms, 1987 ..	109	7	33	21	38	6	25	10
1982 ..	184	17	36	29	42	4	48	26
number, 1987 ..	91 490	(D)	382	2 315	265 090	272	1 118	(D)
1982 ..	240 810	183	685	528	250 792	(D)	1 417	125 556
\$1,000, 1987 ..	58 841	(D)	204	1 312	170 430	156	611	95 943
1982 ..	127 639	98	338	345	165 573	(D)	685	71 228
1987 farms by number sold ----- farms ..	67	6	25	12	17	3	18	4
1 to 9 ----- number ..	177	14	93	21	45	16	42	8
10 to 19 ----- farms ..	11	-	5	-	1	1	1	1
20 to 49 ----- number ..	151	-	61	-	(D)	(D)	(D)	(D)
50 to 99 ----- farms ..	4	-	1	2	-	1	1	1
number ..	149	-	(D)	(D)	-	(D)	(D)	(D)
100 to 199 ----- farms ..	5	-	1	3	2	-	2	-
200 to 499 ----- number ..	331	-	(D)	178	(D)	-	(D)	-
500 or more ----- farms ..	7	1	1	1	2	-	1	-
number ..	(D)	(D)	(D)	(D)	(D)	-	(D)	-
200 to 499 ----- farms ..	2	-	-	1	1	1	2	-
number ..	(D)	-	-	(D)	(D)	(D)	(D)	-
500 or more ----- farms ..	13	-	-	2	15	-	-	4
number ..	88 955	-	-	(D)	264 235	-	-	(D)

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>INVENTORY</b>								
Hogs and pigs								
farms, 1987	331	10	50	7	5	15	6	5
farms, 1982	543	11	65	15	11	31	7	-
number, 1987	135 414	35	10 571	20	(D)	16 170	55	53
number, 1982	160 816	66	30 334	101	53	25 184	(D)	-
Farms by inventory:								
1 to 24								
farms, 1987	266	10	32	7	5	6	5	4
farms, 1982	421	10	34	15	11	16	4	-
number, 1987	1 356	35	208	20	(D)	19	(D)	(D)
number, 1982	2 072	(D)	155	101	53	82	11	-
25 to 49								
farms, 1987	17	-	3	-	-	2	1	1
farms, 1982	39	1	8	-	-	2	-	-
number, 1987	559	-	(D)	-	-	(D)	(D)	(D)
number, 1982	1 301	(D)	285	-	-	(D)	-	-
50 to 99								
farms, 1987	7	-	3	-	-	-	-	-
farms, 1982	10	-	-	-	-	-	-	-
number, 1987	411	-	(D)	-	-	-	-	-
number, 1982	732	-	-	-	-	-	-	-
100 to 199								
farms, 1987	7	-	3	-	-	-	-	-
farms, 1982	17	-	4	-	-	-	1	-
number, 1987	952	-	470	-	-	-	-	-
number, 1982	2 416	-	600	-	-	-	(D)	-
200 to 499								
farms, 1987	9	-	5	-	-	1	-	-
farms, 1982	16	-	10	-	-	2	-	-
number, 1987	3 036	-	(D)	-	-	(D)	-	-
number, 1982	5 516	-	3 755	-	-	(D)	-	-
500 to 999								
farms, 1987	4	-	1	-	-	1	-	-
farms, 1982	10	-	3	-	-	3	2	-
number, 1987	2 502	-	(D)	-	-	(D)	-	-
number, 1982	7 531	-	2 100	-	-	2 520	(D)	-
1,000 or more								
farms, 1987	21	-	3	-	-	5	-	-
farms, 1982	30	-	6	-	-	8	-	-
number, 1987	126 598	-	7 210	-	-	15 020	-	-
number, 1982	141 248	-	23 439	-	-	21 815	-	-
Hogs and pigs used or to be used for breeding								
farms, 1987	140	5	23	1	2	10	2	3
farms, 1982	273	2	37	11	4	21	4	-
number, 1987	14 863	17	1 220	(D)	(D)	1 717	(D)	23
number, 1982	19 705	(D)	3 243	23	23	3 080	213	-
1987 farms by inventory								
1 to 24	106	5	14	1	2	3	2	3
25 to 49	6	-	2	-	-	1	-	-
50 to 99	6	-	4	-	-	-	-	-
100 or more	22	-	3	-	-	6	-	-
number	13 819	-	781	-	-	1 682	-	-
Other hogs and pigs								
farms, 1987	312	8	48	7	5	15	5	5
farms, 1982	508	11	62	11	10	29	7	-
number, 1987	120 551	18	9 351	(D)	14	14 453	(D)	30
number, 1982	141 111	(D)	27 091	78	30	22 104	(D)	-
<b>LITTERS</b>								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30								
farms, 1987	146	5	26	1	2	10	2	3
farms, 1982	294	4	40	12	4	21	4	-
number, 1987	29 211	7	2 775	(D)	(D)	3 397	(D)	38
number, 1982	33 141	(D)	5 463	26	12	5 315	230	-
Dec. 1 of preceding year and May 31								
farms, 1987	134	5	25	1	1	8	2	3
farms, 1982	256	1	38	10	4	17	3	-
number, 1987	15 167	(D)	1 742	(D)	(D)	1 679	(D)	19
number, 1982	16 223	(D)	2 697	14	(D)	2 611	(D)	-
June 1 and Nov. 30								
farms, 1987	108	2	21	1	1	10	1	3
farms, 1982	206	4	30	8	2	17	4	-
number, 1987	14 044	(D)	1 033	(D)	(D)	1 718	(D)	19
number, 1982	16 918	15	2 766	12	(D)	2 704	(D)	-
<b>SALES</b>								
Hogs and pigs sold								
farms, 1987	242	2	47	2	2	11	5	5
farms, 1982	379	6	53	14	5	24	5	-
number, 1987	237 623	(D)	40 700	(D)	(D)	23 015	111	(D)
number, 1982	261 054	92	45 671	100	70	37 000	1 622	-
\$1,000, 1987	26 953	(D)	5 073	(D)	(D)	2 240	13	(D)
number, 1982	29 478	8	5 179	9	(D)	3 790	195	-
1987 farms by number sold								
1 to 24	154	2	24	2	2	3	3	3
number	876	(D)	141	(D)	(D)	(D)	(D)	5
25 to 49	23	-	2	-	-	1	2	1
number	749	-	(D)	-	-	(D)	(D)	(D)
50 to 99	15	-	4	-	-	-	-	1
number	1 005	-	263	-	-	-	-	(D)
100 to 199	6	-	4	-	-	-	-	-
number	895	-	(D)	-	-	-	-	-
200 to 499	10	-	2	-	-	1	-	-
number	2 996	-	(D)	-	-	(D)	-	-
500 to 999	5	-	4	-	-	-	-	-
number	3 800	-	(D)	-	-	-	-	-
1,000 or more	29	-	7	-	-	6	-	-
number	227 302	-	35 834	-	-	22 606	-	-
Feeder pigs sold								
farms, 1987	46	1	11	-	-	2	-	1
farms, 1982	135	3	18	6	1	8	-	-
number, 1987	24 744	(D)	(D)	-	-	(D)	-	(D)
number, 1982	24 801	(D)	3 133	46	(D)	(D)	-	-
\$1,000, 1987	1 154	(D)	(D)	-	-	(D)	-	(D)
number, 1982	1 011	(D)	114	2	(D)	(D)	-	-
Hogs and pigs other than feeder pigs sold								
farms, 1987	221	1	43	2	2	10	5	5
farms, 1982	335	6	51	11	4	22	5	-
number, 1987	212 879	(D)	(D)	(D)	(D)	(D)	111	79
number, 1982	236 253	(D)	42 538	54	(D)	(D)	1 622	-
\$1,000, 1987	25 799	(D)	(D)	(D)	(D)	(D)	13	(D)
number, 1982	28 467	(D)	5 065	7	(D)	(D)	195	-

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>INVENTORY</b>								
Hogs and pigs ----- farms, 1987 .....	85	17	21	29	28	7	29	17
1982 .....	146	22	47	74	49	5	31	29
number, 1987 .....	15 470	200	80 506	276	8 493	60	222	(D)
1982 .....	9 377	(D)	(D)	1 107	11 840	30	1 144	10 563
Farms by inventory:								
1 to 24 ----- farms, 1987 .....	73	14	14	27	23	6	27	13
1982 .....	127	14	43	61	35	5	28	18
number, 1987 .....	355	89	106	(D)	(D)	(D)	(D)	89
1982 .....	671	55	221	313	(D)	30	106	93
25 to 49 ----- farms, 1987 .....	3	3	-	1	1	1	1	-
1982 .....	5	6	-	9	4	-	1	3
number, 1987 .....	(D)	111	-	(D)	(D)	(D)	(D)	-
1982 .....	154	227	-	(D)	113	-	(D)	(D)
50 to 99 ----- farms, 1987 .....	1	-	-	-	1	-	-	2
1982 .....	4	-	-	1	4	-	-	1
number, 1987 .....	(D)	-	-	-	(D)	-	-	(D)
1982 .....	314	-	-	(D)	(D)	-	-	(D)
100 to 199 ----- farms, 1987 .....	2	-	-	1	-	-	1	-
1982 .....	6	1	-	3	1	-	1	-
number, 1987 .....	(D)	-	-	(D)	-	-	(D)	-
1982 .....	878	(D)	-	428	(D)	-	(D)	-
200 to 499 ----- farms, 1987 .....	2	-	1	-	-	-	-	-
1982 .....	2	-	-	-	2	-	-	-
number, 1987 .....	(D)	-	(D)	-	-	-	-	-
1982 .....	(D)	-	-	-	(D)	-	-	-
500 to 999 ----- farms, 1987 .....	1	-	-	-	-	-	-	1
1982 .....	-	-	-	-	-	-	1	1
number, 1987 .....	(D)	-	-	-	-	-	(D)	(D)
1982 .....	-	-	-	-	-	-	(D)	(D)
1,000 or more ----- farms, 1987 .....	3	-	6	-	3	-	-	1
1982 .....	2	1	4	-	3	-	-	6
number, 1987 .....	13 450	-	(D)	-	8 288	-	-	(D)
1982 .....	(D)	(D)	(D)	-	10 767	-	-	(D)
Hogs and pigs used or to be used for breeding ----- farms, 1987 .....	30	9	14	12	12	2	6	9
1982 .....	64	14	27	35	27	4	11	12
number, 1987 .....	1 166	27	8 977	55	(D)	(D)	35	(D)
1982 .....	1 406	(D)	(D)	197	1 862	19	(D)	1 270
1987 farms by inventory:								
1 to 24 ----- farms .....	25	9	7	11	9	2	6	7
25 to 49 ----- farms .....	1	-	-	1	1	-	-	-
50 to 99 ----- farms .....	1	-	1	-	-	-	-	-
100 or more ----- farms .....	3	-	6	-	2	-	-	2
number, 1987 .....	950	-	(D)	-	(D)	-	-	(D)
Other hogs and pigs ----- farms, 1987 .....	78	16	20	28	26	7	27	17
1982 .....	136	21	44	69	47	4	29	28
number, 1987 .....	14 304	173	71 529	221	(D)	(D)	187	(D)
1982 .....	7 971	(D)	(D)	910	9 978	11	(D)	9 293
<b>LITTERS</b>								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987 .....	30	11	14	13	12	3	6	8
1982 .....	68	14	29	40	30	4	12	12
number, 1987 .....	3 394	39	17 537	85	(D)	4	(D)	440
1982 .....	2 275	(D)	(D)	198	2 448	10	(D)	2 024
Dec. 1 of preceding year and May 31 ----- farms, 1987 .....	28	11	11	13	10	2	6	8
1982 .....	61	10	22	32	30	4	12	12
number, 1987 .....	1 719	21	8 919	46	(D)	(D)	35	(D)
1982 .....	1 170	41	(D)	82	1 184	5	(D)	971
June 1 and Nov. 30 ----- farms, 1987 .....	19	4	14	11	11	2	3	5
1982 .....	39	11	22	32	17	4	6	10
number, 1987 .....	1 675	18	8 618	39	(D)	(D)	(D)	(D)
1982 .....	1 105	(D)	(D)	116	1 264	5	(D)	1 053
<b>SALES</b>								
Hogs and pigs sold ----- farms, 1987 .....	57	12	17	24	17	4	23	14
1982 .....	92	15	28	59	37	2	20	19
number, 1987 .....	27 267	303	124 041	502	16 167	29	440	(D)
1982 .....	24 326	(D)	102 893	1 104	19 112	(D)	(D)	15 434
\$1,000, 1987 .....	2 920	26	14 249	55	1 959	3	62	(D)
1982 .....	3 016	(D)	12 467	104	2 166	(D)	(D)	1 443
1987 farms by number sold								
1 to 24 ----- farms .....	40	8	8	21	8	4	20	6
number .....	194	117	42	114	57	29	74	24
25 to 49 ----- farms .....	5	3	1	1	1	-	2	4
number .....	146	(D)	(D)	(D)	(D)	-	(D)	103
50 to 99 ----- farms .....	4	1	1	1	1	-	-	2
number .....	242	(D)	(D)	(D)	(D)	-	-	(D)
100 to 199 ----- farms .....	1	-	-	-	1	-	-	-
number .....	(D)	-	-	-	(D)	-	-	-
200 to 499 ----- farms .....	2	-	1	1	2	-	1	-
number .....	(D)	-	(D)	(D)	(D)	-	(D)	-
500 to 999 ----- farms .....	-	-	-	-	1	-	-	-
number .....	-	-	-	-	(D)	-	-	-
1,000 or more ----- farms .....	5	-	6	-	3	-	-	2
number .....	26 084	-	(D)	-	14 604	-	-	(D)
Feeder pigs sold ----- farms, 1987 .....	7	4	6	4	2	-	2	6
1982 .....	33	5	9	27	12	1	4	8
number, 1987 .....	(D)	138	146	96	(D)	-	(D)	(D)
1982 .....	1 982	(D)	(D)	563	212	(D)	(D)	3 887
\$1,000, 1987 .....	(D)	4	7	4	(D)	-	(D)	(D)
1982 .....	80	(D)	(D)	24	7	(D)	(D)	141
Hogs and pigs other than feeder pigs sold ----- farms, 1987 .....	56	10	14	22	17	4	22	8
1982 .....	81	11	23	50	34	1	20	16
number, 1987 .....	(D)	165	123 895	406	(D)	29	(D)	2 807
1982 .....	22 344	(D)	(D)	541	18 900	(D)	500	11 547
\$1,000, 1987 .....	(D)	22	14 242	52	(D)	3	(D)	(D)
1982 .....	2 838	(D)	(D)	80	2 159	(D)	57	1 303



Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
Sheep and lambs inventory ----- farms, 1987 ..	456	66	26	79	4	15	4	3
1982 ..	479	56	29	78	6	12	9	-
number, 1987 ..	301 279	107 181	13 361	49 324	22	352	(D)	(D)
1982 ..	345 406	105 338	1 371	47 035	36	101	181	-
1987 farms by inventory								
1 to 24 ..	257	23	17	34	4	10	3	1
25 to 99 ..	132	25	4	32	-	5	1	-
100 to 299 ..	23	8	1	4	-	-	-	-
300 to 999 ..	8	1	-	5	-	-	-	-
1,000 or more ..	36	8	4	4	-	-	-	2
Ewes 1 year old or older ----- farms, 1987 ..	381	57	23	87	3	12	4	3
1982 ..	381	51	23	71	5	7	8	-
number, 1987 ..	164 280	58 003	9 208	23 474	15	227	51	(D)
1982 ..	172 002	57 369	1 052	27 440	23	44	83	-
Sheep and lambs shorn ----- farms, 1987 ..	339	58	17	68	-	8	1	3
1982 ..	328	44	17	88	2	8	7	-
number, 1987 ..	228 471	78 728	11 298	38 723	-	188	(D)	(D)
1982 ..	246 267	76 978	828	38 838	(D)	62	115	(D)
pounds of wool, 1987 ..	1 831 271	708 440	94 315	307 518	-	1 117	(D)	(D)
1982 ..	1 828 878	511 822	5 348	389 552	(D)	385	808	-
Sheep and lambs sold ----- farms, 1987 ..	395	88	24	73	-	16	5	3
1982 ..	389	50	21	72	2	8	9	-
number, 1987 ..	116 165	30 126	12 578	12 558	-	210	35	(D)
1982 ..	208 308	55 883	590	21 436	(D)	41	90	-
Sheep, lambs, and wool sold ----- farms, 1987 ..	422	69	24	76	-	16	5	3
1982 ..	409	51	24	74	2	11	9	-
\$1,000, 1987 ..	9 245	2 613	1 037	963	-	(D)	(D)	(D)
1982 ..	11 942	3 049	29	1 468	(D)	3	4	-
Horses and ponies inventory ----- farms, 1987 ..	3 566	247	403	215	108	116	65	23
1982 ..	3 125	174	368	151	103	100	77	-
number, 1987 ..	70 550	17 461	2 888	10 838	797	1 195	386	221
1982 ..	39 464	4 776	2 179	4 597	613	816	478	-
Horses and ponies sold ----- farms, 1987 ..	1 088	46	81	53	15	18	7	10
1982 ..	936	33	78	43	20	26	15	-
number, 1987 ..	8 777	2 131	355	1 123	52	142	15	21
1982 ..	5 941	1 048	203	382	51	58	41	-
\$1,000, 1987 ..	10 771	679	897	223	167	81	8	10
1982 ..	14 847	971	179	155	31	51	73	-
Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Sheep and lambs inventory ----- farms, 1987 ..	84	14	76	16	21	4	33	11
1982 ..	110	8	57	37	20	4	41	12
number, 1987 ..	13 166	(D)	63 632	424	19 892	(D)	(D)	21 622
1982 ..	75 530	(D)	57 987	1 138	18 925	(D)	(D)	25 768
1987 farms by inventory								
1 to 24 ..	62	11	30	14	15	3	27	3
25 to 99 ..	18	2	36	-	1	1	4	3
100 to 299 ..	1	-	5	2	1	-	-	-
300 to 999 ..	-	-	1	-	1	-	-	-
1,000 or more ..	3	1	4	-	3	-	2	5
Ewes 1 year old or older ----- farms, 1987 ..	66	11	72	14	14	2	27	6
1982 ..	78	6	47	29	14	4	32	6
number, 1987 ..	(D)	(D)	38 171	220	8 274	(D)	(D)	11 750
1982 ..	32 433	195	36 238	384	7 751	(D)	(D)	(D)
Sheep and lambs shorn ----- farms, 1987 ..	48	5	70	12	16	3	23	8
1982 ..	57	6	40	26	14	2	29	7
number, 1987 ..	(D)	(D)	58 358	374	(D)	(D)	(D)	14 652
1982 ..	39 471	203	49 061	667	19 993	(D)	(D)	(D)
pounds of wool, 1987 ..	(D)	(D)	469 206	2 433	(D)	(D)	(D)	87 934
1982 ..	352 508	1 477	314 922	4 097	151 234	(D)	(D)	(D)
Sheep and lambs sold ----- farms, 1987 ..	57	11	70	13	17	3	28	7
1982 ..	79	6	45	30	19	5	32	11
number, 1987 ..	9 649	(D)	11 702	231	15 013	(D)	(D)	15 103
1982 ..	50 637	(D)	23 152	876	16 978	(D)	11 676	23 990
Sheep, lambs, and wool sold ----- farms, 1987 ..	68	11	73	15	18	3	31	10
1982 ..	84	6	46	32	19	5	35	11
\$1,000, 1987 ..	(D)	(D)	839	20	(D)	(D)	374	1 533
1982 ..	3 107	(D)	935	39	871	(D)	(D)	1 707
Horses and ponies inventory ----- farms, 1987 ..	983	153	226	331	184	130	313	69
1982 ..	877	136	201	314	176	87	289	72
number, 1987 ..	10 579	1 413	11 583	5 709	2 051	1 167	3 509	753
1982 ..	8 658	1 109	6 251	4 210	1 967	890	2 547	373
Horses and ponies sold ----- farms, 1987 ..	431	50	61	125	52	34	88	17
1982 ..	382	36	42	115	39	24	71	12
number, 1987 ..	1 573	142	1 951	409	183	109	493	78
1982 ..	1 645	99	1 407	509	150	59	266	23
\$1,000, 1987 ..	6 038	92	422	666	107	130	1 082	168
1982 ..	10 256	92	1 285	732	139	109	746	27

Table 14. Poultry—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>INVENTORY</b>								
Any poultry ----- farms, 1987..	810	40	91	32	20	29	15	6
1982..	1 223	48	125	36	39	39	30	-
Chickens 3 months old or older ----- farms, 1987..	741	37	84	29	19	27	14	6
1982..	1 135	45	122	35	39	39	28	-
number, 1987..	331 462	906	2 390	1 195	370	464	417	273
1982..	505 543	5 679	3 554	1 346	2 476	1 007	1 053	-
Hens and pullets of laying age ----- farms, 1987..	734	37	83	29	18	27	13	6
1982..	1 122	45	120	32	37	39	28	-
number, 1987..	329 318	(D)	2 218	1 056	334	418	(D)	234
1982..	500 547	5 599	3 135	1 194	2 324	926	965	-
1987 farms by inventory								
1 to 99 .....	693	36	77	25	18	27	12	5
100 to 399 .....	36	1	6	4	-	-	1	1
400 to 3,199 .....	2	-	-	-	-	-	-	-
3,200 to 9,999 .....	-	-	-	-	-	-	-	-
10,000 to 19,999 .....	-	-	-	-	-	-	-	-
20,000 to 49,999 .....	1	-	-	-	-	-	-	-
50,000 to 99,999 .....	1	-	-	-	-	-	-	-
100,000 or more ----- farms..	1	-	-	-	-	-	-	-
number..	(D)	-	-	-	-	-	-	-
Pullets 3 months old or older not of								
laying age ----- farms, 1987..	146	1	16	5	4	5	2	3
1982..	196	5	19	6	7	5	4	-
number, 1987..	2 144	(D)	172	139	36	46	(D)	39
1982..	4 996	80	419	152	152	81	88	-
Pullet chicks and pullets under 3 months								
old ----- farms, 1987..	73	2	5	4	1	2	1	-
1982..	95	2	5	5	1	-	4	-
number, 1987..	2 002	(D)	93	132	(D)	(D)	(D)	-
1982..	3 807	(D)	134	57	(D)	-	162	-
Broilers and other meat-type chickens ----- farms, 1987..	92	1	10	4	1	6	-	5
1982..	178	3	14	9	5	3	5	-
number, 1987..	61 546	(D)	120	242	28	449	-	91
1982..	-	24	219	239	140	23	94	-
Turkeys ----- farms, 1987..	96	3	10	6	4	1	1	-
1982..	178	12	22	8	4	6	-	-
number, 1987..	629	23	67	29	(D)	(D)	(D)	-
1982..	1 193	195	116	63	17	26	-	-
Turkey hens kept for breeding ----- farms, 1987..	31	3	2	3	2	-	1	-
1982..	71	4	15	4	2	1	-	-
number, 1987..	182	23	(D)	7	(D)	-	(D)	-
1982..	238	11	61	10	(D)	(D)	-	-
Ducks, geese, and other poultry ----- farms, 1987..	215	8	32	7	1	4	2	2
1982..	321	15	31	11	10	12	5	-
<b>SALES</b>								
Any poultry sold ----- farms, 1987..	257	10	33	12	1	5	4	1
1982..	430	17	33	18	15	11	7	-
\$1,000, 1987..	4 553	16	19	9	(D)	(Z)	1	(D)
1982..	5 235	67	14	9	15	3	2	-
Hens and pullets sold ----- farms, 1987..	70	3	7	6	-	3	-	1
1982..	121	4	9	8	5	4	2	-
number, 1987..	325 609	(D)	312	119	-	48	-	(D)
1982..	336 863	(D)	327	350	670	301	(D)	-
Hens and pullets of laying age sold ----- farms, 1987..	69	3	6	6	7	3	-	1
1982..	117	4	9	7	5	4	2	-
number, 1987..	324 764	(D)	265	(D)	-	48	-	(D)
1982..	336 273	(D)	327	(D)	670	301	(D)	-
Pullets not of laying age sold ----- farms, 1987..	16	-	4	1	-	-	-	-
1982..	10	-	-	1	-	-	-	-
number, 1987..	845	-	47	(D)	-	-	-	-
1982..	590	-	-	(D)	-	-	-	-
Broilers and other meat-type chickens sold ----- farms, 1987..	23	1	2	-	-	-	-	-
1982..	38	1	2	3	-	-	-	-
number, 1987..	(D)	(D)	(D)	-	-	-	-	-
1982..	(D)	(D)	(D)	112	-	-	-	-
1987 farms by number sold								
1 to 1,999 .....	21	1	2	-	-	-	-	-
2,000 to 59,999 .....	1	-	-	-	-	-	-	-
60,000 to 99,999 .....	-	-	-	-	-	-	-	-
100,000 to 199,999 .....	-	-	-	-	-	-	-	-
200,000 to 499,999 .....	1	-	-	-	-	-	-	-
500,000 or more ----- farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987..	19	-	3	-	-	-	-	-
1982..	50	4	4	3	-	-	-	-
number, 1987..	(D)	-	18	-	-	-	-	-
1982..	8 914	(D)	(D)	31	-	-	-	-
Turkeys for slaughter sold ----- farms, 1987..	16	-	3	-	-	-	-	-
1982..	46	4	4	3	-	-	-	-
number, 1987..	(D)	-	18	-	-	-	-	-
1982..	8 906	(D)	(D)	31	-	-	-	-
Ducks, geese, and other poultry sold ----- farms, 1987..	40	-	9	-	-	-	-	-
1982..	66	2	2	4	2	1	1	-

Table 14. **Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>INVENTORY</b>								
Any poultry ..... farms, 1987 ..	233	30	50	61	41	25	103	34
..... farms, 1982 ..	422	34	95	125	59	22	112	37
Chickens 3 months old or older ..... farms, 1987 ..	210	29	50	50	38	24	97	27
..... farms, 1982 ..	384	33	92	107	57	22	97	35
..... number, 1987 ..	(D)	733	1 782	3 441	(D)	534	4 040	811
..... number, 1982 ..	(D)	1 759	2 709	4 286	(D)	583	4 987	829
Hens and pullets of laying age ..... farms, 1987 ..	209	29	50	50	37	24	95	27
..... farms, 1982 ..	380	33	92	107	57	22	95	35
..... number, 1987 ..	(D)	605	(D)	3 385	(D)	451	3 729	734
..... number, 1982 ..	(D)	1 457	1 961	3 741	(D)	554	3 738	707
1987 farms by inventory								
1 to 99 ..	198	27	46	45	35	24	92	26
100 to 399 ..	9	2	4	4	1	-	2	1
400 to 3,199 ..	-	-	-	1	-	-	1	-
3,200 to 9,999 ..	-	-	-	-	-	-	-	-
10,000 to 19,999 ..	-	-	-	-	-	-	-	-
20,000 to 49,999 ..	1	-	-	-	-	-	-	-
50,000 to 99,999 ..	-	-	-	-	1	-	-	-
100,000 or more .. farms ..	1	-	-	-	-	-	-	-
..... number ..	(D)	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age ..... farms, 1987 ..	52	6	4	7	10	8	17	6
..... farms, 1982 ..	68	8	13	25	11	3	16	6
..... number, 1987 ..	673	128	(D)	56	158	83	311	77
..... number, 1982 ..	921	302	748	545	108	29	1 249	122
Pullet chicks and pullets under 3 months old ..... farms, 1987 ..	35	3	5	1	2	1	6	5
..... farms, 1982 ..	36	6	2	10	5	2	12	5
..... number, 1987 ..	999	(D)	(D)	(D)	(D)	(D)	65	59
..... number, 1982 ..	865	230	(D)	440	99	(D)	1 364	240
Broilers and other meat-type chickens ..... farms, 1987 ..	26	1	5	7	2	2	16	1
..... farms, 1982 ..	48	12	11	27	14	2	15	10
..... number, 1987 ..	(D)	(D)	(D)	576	43	(D)	(D)	(D)
..... number, 1982 ..	(D)	129	298	1 008	278	(D)	(D)	135
Turkeys ..... farms, 1987 ..	25	-	9	11	7	5	7	7
..... farms, 1982 ..	54	2	24	24	12	3	6	1
..... number, 1987 ..	138	-	54	80	33	26	34	129
..... number, 1982 ..	387	(D)	112	129	65	17	40	(D)
Turkey hens kept for breeding ..... farms, 1987 ..	10	-	2	4	-	1	-	3
..... farms, 1982 ..	23	1	7	9	1	-	4	-
..... number, 1987 ..	36	-	(D)	25	-	(D)	-	(D)
..... number, 1982 ..	69	(D)	13	47	(D)	-	11	-
Ducks, geese, and other poultry ..... farms, 1987 ..	70	4	8	28	15	9	14	11
..... farms, 1982 ..	113	4	19	43	21	3	29	5
<b>SALES</b>								
Any poultry sold ..... farms, 1987 ..	81	5	13	27	15	6	35	9
..... farms, 1982 ..	151	18	32	55	25	5	32	11
..... \$1,000, 1987 ..	(D)	(D)	12	(D)	(D)	2	(D)	4
..... \$1,000, 1982 ..	3 985	9	8	30	904	2	187	2
Hens and pullets sold ..... farms, 1987 ..	21	2	3	15	3	1	4	1
..... farms, 1982 ..	40	6	12	15	5	1	9	1
..... number, 1987 ..	(D)	(D)	80	(D)	(D)	(D)	(D)	(D)
..... number, 1982 ..	290 493	483	818	1 154	(D)	(D)	(D)	(D)
Hens and pullets of laying age sold ..... farms, 1987 ..	21	2	3	15	3	1	4	1
..... farms, 1982 ..	39	6	12	13	5	1	9	1
..... number, 1987 ..	(D)	(D)	80	(D)	(D)	(D)	(D)	(D)
..... number, 1982 ..	(D)	483	(D)	1 066	(D)	(D)	(D)	(D)
Pullets not of laying age sold ..... farms, 1987 ..	6	1	-	3	-	-	1	-
..... farms, 1982 ..	3	-	1	4	-	-	1	-
..... number, 1987 ..	635	(D)	-	32	-	-	(D)	-
..... number, 1982 ..	(D)	-	(D)	88	-	-	(D)	-
Broilers and other meat-type chickens sold ..... farms, 1987 ..	11	-	2	3	-	-	4	-
..... farms, 1982 ..	11	3	1	6	7	-	4	-
..... number, 1987 ..	(D)	-	(D)	110	-	-	(D)	-
..... number, 1982 ..	(D)	(D)	(D)	170	92	-	(D)	-
1987 farms by number sold								
1 to 1,999 ..	10	-	2	3	-	-	3	-
2,000 to 59,999 ..	-	-	-	-	-	-	1	-
60,000 to 99,999 ..	-	-	-	-	-	-	-	-
100,000 to 199,999 ..	-	-	-	-	-	-	-	-
200,000 to 499,999 ..	1	-	-	-	-	-	-	-
500,000 or more .. farms ..	-	-	-	-	-	-	-	-
..... number ..	-	-	-	-	-	-	-	-
Turkeys sold ..... farms, 1987 ..	7	1	2	3	1	-	2	-
..... farms, 1982 ..	15	3	8	5	4	-	4	-
..... number, 1987 ..	40	(D)	(D)	26	(D)	-	(D)	-
..... number, 1982 ..	542	20	54	27	32	-	(D)	-
Turkeys for slaughter sold ..... farms, 1987 ..	4	1	2	3	1	-	2	-
..... farms, 1982 ..	14	3	6	5	4	-	3	-
..... number, 1987 ..	(D)	(D)	(D)	(D)	(D)	-	(D)	-
..... number, 1982 ..	(D)	20	(D)	27	32	-	(D)	-
Ducks, geese, and other poultry sold ..... farms, 1987 ..	12	2	1	7	4	-	5	-
..... farms, 1982 ..	14	3	1	16	8	3	5	4

Table 15. Selected Crops: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
Harvested cropland .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	3 646	143	315	47	36	209	45	85
1982 ..	3 838	135	335	52	44	184	63	-
acres, 1987 ..	865 817	(D)	42 776	(D)	(D)	35 937	3 507	81 242
1982 ..	1 047 213	9 591	66 426	(D)	(D)	42 868	(D)	-
Irrigated .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	3 585	135	315	37	34	209	45	85
1982 ..	3 767	127	333	37	42	184	63	-
acres, 1987 ..	859 654	7 779	42 776	1 404	682	35 937	3 507	81 242
1982 ..	1 042 527	8 319	66 368	2 167	324	42 848	3 626	-
Corn for grain or seed .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	166	25	55	16	1	14	15	3
1982 ..	149	34	35	21	-	15	6	-
acres, 1987 ..	12 794	2 114	6 330	272	(D)	1 809	757	345
1982 ..	13 414	2 226	5 758	122	-	4 165	(D)	-
bushels, 1987 ..	1 530 568	49 287	921 232	16 007	(D)	293 531	90 336	40 280
1982 ..	1 498 482	74 727	705 872	7 145	-	584 372	(D)	-
Irrigated .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	132	14	55	7	1	14	15	3
1982 ..	114	24	35	8	-	15	4	-
acres, 1987 ..	10 706	306	6 330	200	(D)	1 809	757	345
1982 ..	13 077	2 002	5 758	41	-	4 165	(D)	-
1987 farms by acres harvested .....	.....	.....	.....	.....	.....	.....	.....	.....
1 to 24 acres .....	83	19	15	13	-	3	8	-
25 to 99 acres .....	35	1	16	2	-	4	3	2
100 to 249 acres .....	32	1	15	1	1	5	4	-
250 acres or more .....	16	4	9	-	-	2	-	1
Wheat for grain .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	443	4	18	1	1	17	7	18
1982 ..	539	5	18	5	-	26	9	-
acres, 1987 ..	97 407	(D)	1 122	(D)	(D)	1 544	561	14 199
1982 ..	133 681	149	1 563	(D)	-	2 737	668	-
bushels, 1987 ..	7 991 708	44 676	65 089	(D)	(D)	127 962	41 460	697 873
1982 ..	11 891 456	6 325	102 406	(D)	-	226 477	57 473	-
Irrigated .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	433	1	18	1	1	17	7	18
1982 ..	539	5	18	5	-	26	9	-
acres, 1987 ..	96 947	(D)	1 122	(D)	(D)	1 544	561	14 199
1982 ..	133 681	149	1 563	(D)	-	2 737	668	-
1987 farms by acres harvested .....	.....	.....	.....	.....	.....	.....	.....	.....
1 to 24 acres .....	64	2	7	-	-	7	-	-
25 to 99 acres .....	158	-	6	1	1	4	6	4
100 to 249 acres .....	136	1	5	-	-	3	1	6
250 acres or more .....	85	1	-	-	-	3	-	8
Cotton .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	1 199	-	67	-	1	85	12	33
1982 ..	1 177	-	95	-	-	97	8	-
acres, 1987 ..	381 733	-	17 206	-	(D)	23 163	(D)	16 361
1982 ..	518 488	-	27 708	-	-	26 231	901	-
bales, 1987 ..	1 005 493	-	24 424	-	(D)	40 948	(D)	44 210
1982 ..	1 155 883	-	31 002	-	-	38 603	1 364	-
Irrigated .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	1 199	-	87	-	1	85	12	33
1982 ..	1 177	-	95	-	-	97	8	-
acres, 1987 ..	381 733	-	17 206	-	(D)	23 163	(D)	16 361
1982 ..	518 488	-	27 708	-	-	26 231	901	-
1987 farms by acres harvested .....	.....	.....	.....	.....	.....	.....	.....	.....
1 to 24 acres .....	58	-	15	-	-	11	4	-
25 to 99 acres .....	239	-	30	-	-	19	5	6
100 to 249 acres .....	392	-	24	-	1	21	2	13
250 acres or more .....	510	-	18	-	-	34	1	14
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	1 402	122	89	23	11	88	25	56
1982 ..	1 642	96	138	19	13	72	46	-
acres, 1987 ..	181 319	7 128	7 044	295	220	3 015	606	42 630
1982 ..	161 540	5 461	11 571	798	141	3 672	1 183	-
tons, dry .....	1 040 321	22 784	30 972	623	1 033	15 197	2 829	293 897
1982 ..	913 269	18 068	51 399	2 882	313	17 206	5 093	-
Irrigated .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	1 373	119	89	21	10	88	25	56
1982 ..	1 622	93	136	16	13	72	46	-
acres, 1987 ..	178 577	6 613	7 044	284	214	3 015	606	42 630
1982 ..	158 723	5 287	11 516	667	141	3 644	1 183	-
1987 farms by acres harvested .....	.....	.....	.....	.....	.....	.....	.....	.....
1 to 24 acres .....	653	80	43	19	8	58	15	8
25 to 99 acres .....	396	28	27	4	3	22	9	6
100 to 249 acres .....	171	3	12	-	-	7	1	13
250 acres or more .....	182	11	7	-	-	1	-	29
Vegetables harvested for sale (see text) .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	328	6	55	5	5	9	5	14
1982 ..	339	24	60	10	5	12	8	-
acres, 1987 ..	98 138	(D)	2 690	339	20	90	43	12 401
1982 ..	69 864	675	3 663	678	24	61	137	-
Irrigated .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	328	6	55	5	5	9	5	14
1982 ..	339	24	60	10	5	12	8	-
acres, 1987 ..	98 138	(D)	2 690	339	20	90	43	12 401
1982 ..	69 864	675	3 663	678	24	61	137	-
1987 farms by acres harvested .....	.....	.....	.....	.....	.....	.....	.....	.....
0.1 to 4.9 acres .....	58	2	8	-	3	3	2	-
5.0 to 24.9 acres .....	64	2	17	-	2	5	3	-
25.0 to 99.9 acres .....	97	1	22	4	-	1	-	5
100.0 acres or more .....	109	1	8	1	-	-	-	9
Land in orchards .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	1 141	10	131	7	20	75	11	18
1982 ..	1 199	12	100	6	29	46	10	-
acres, 1987 ..	74 921	(D)	6 615	94	71	3 792	(D)	1 172
1982 ..	74 568	83	5 733	148	148	1 063	(D)	-
Irrigated .....	.....	.....	.....	.....	.....	.....	.....	.....
farms, 1987 ..	1 141	10	131	7	20	75	11	18
1982 ..	1 199	12	100	6	29	46	10	-
acres, 1987 ..	74 921	27	6 615	94	71	3 792	(D)	1 172
1982 ..	74 568	83	5 733	148	148	1 063	(D)	-
1987 farms by bearing and nonbearing acres .....	.....	.....	.....	.....	.....	.....	.....	.....
0.1 to 4.9 acres .....	430	7	56	4	16	27	8	3
5.0 to 24.9 acres .....	387	3	40	1	4	19	3	11
25.0 to 99.9 acres .....	206	-	22	2	-	16	-	2
100.0 acres or more .....	118	-	13	-	-	13	-	2

Table 15. **Selected Crops: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crop		Mancopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Harvested cropland .....	farms, 1987..	1 169	69	125	140	535	31	159	538
	1982..	1 357	72	150	152	439	24	176	655
	acres, 1987..	269 748	10 130	4 878	25 125	186 567	(D)	3 720	186 954
	1982..	370 978	11 792	7 368	34 928	210 252	1 778	(D)	277 149
	farms, 1987..	1 155	69	112	135	439	31	154	537
	1982..	1 334	71	140	147	439	24	171	655
Irrigated .....	acres, 1987..	268 819	10 130	4 500	25 119	186 085	2 248	3 108	186 318
	1982..	370 382	11 772	6 994	34 899	210 252	1 778	5 647	277 149
Corn for grain or seed .....	farms, 1987..	7	-	19	2	5	-	4	-
	1982..	6	1	21	2	4	-	4	-
	acres, 1987..	413	-	127	(D)	406	-	91	-
	1982..	672	(D)	135	(D)	(D)	-	11	-
	bushels, 1987..	40 362	-	5 943	(D)	46 006	-	11 706	-
	1982..	90 907	(D)	7 141	(D)	(D)	-	336	-
Irrigated .....	farms, 1987..	6	-	6	2	5	-	4	-
	1982..	6	1	11	2	4	-	4	-
	acres, 1987..	400	-	22	(D)	316	-	91	-
	1982..	672	(D)	110	(D)	(D)	-	11	-
1987 farms by acres harvested .....	1 to 24 acres .....	2	-	17	2	1	-	3	-
	25 to 99 acres .....	3	-	2	-	1	-	1	-
	100 to 249 acres .....	2	-	-	-	3	-	-	-
	250 acres or more .....	-	-	-	-	-	-	-	-
Wheat for grain .....	farms, 1987..	110	3	5	22	137	2	1	97
	1982..	135	4	13	23	136	1	8	156
	acres, 1987..	29 163	373	124	2 034	19 332	(D)	(D)	28 024
	1982..	38 010	729	413	6 884	32 841	(D)	283	49 184
	bushels, 1987..	2 771 453	29 405	1 649	150 142	1 408 286	(D)	(D)	2 629 648
	1982..	3 396 796	(D)	9 538	544 738	2 748 584	(D)	16 540	4 724 109
Irrigated .....	farms, 1987..	108	3	2	21	136	2	1	97
	1982..	135	4	13	23	136	1	8	156
	acres, 1987..	29 096	373	(D)	2 032	19 252	(D)	(D)	28 024
	1982..	38 010	729	413	6 884	32 841	(D)	283	49 184
1987 farms by acres harvested .....	1 to 24 acres .....	12	-	3	9	18	-	-	6
	25 to 99 acres .....	55	1	2	6	48	1	1	22
	100 to 249 acres .....	29	2	-	3	54	1	-	31
	250 acres or more .....	14	-	-	4	17	-	-	38
Cotton .....	farms, 1987..	419	7	-	37	409	1	-	108
	1982..	420	7	-	51	289	-	-	210
	acres, 1987..	144 219	3 594	-	13 406	127 639	(D)	-	34 849
	1982..	204 531	4 058	-	17 415	131 506	-	-	106 138
	bales, 1987..	402 753	9 852	-	29 531	354 634	(D)	-	97 177
	1982..	489 117	8 889	-	33 746	307 897	-	-	245 265
Irrigated .....	farms, 1987..	419	7	-	37	409	1	-	108
	1982..	420	7	-	51	289	-	-	210
	acres, 1987..	144 219	3 594	-	13 406	127 639	(D)	-	34 849
	1982..	204 531	4 058	-	17 415	131 506	-	-	106 138
1987 farms by acres harvested .....	1 to 24 acres .....	8	-	-	4	8	-	-	8
	25 to 99 acres .....	84	2	-	4	69	1	-	19
	100 to 249 acres .....	147	2	-	10	135	-	-	37
	250 acres or more .....	180	3	-	19	197	-	-	44
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .....	farms, 1987..	396	35	79	28	105	14	96	235
	1982..	526	43	85	49	135	12	116	292
	acres, 1987..	48 023	5 779	2 098	1 772	14 588	1 754	2 891	43 476
	1982..	48 782	5 723	4 391	2 683	11 627	1 272	5 254	57 982
	tons, dry, 1987..	253 544	37 713	5 758	7 904	64 473	4 952	7 203	291 439
	1982..	278 098	33 603	10 271	13 972	57 893	5 580	13 264	405 627
Irrigated .....	farms, 1987..	391	35	71	28	104	14	91	231
	1982..	521	42	83	48	135	12	113	292
	acres, 1987..	47 239	5 779	1 917	1 772	14 584	1 754	2 286	42 840
	1982..	48 222	5 703	4 347	2 658	11 627	1 272	4 474	57 982
1987 farms by acres harvested .....	1 to 24 acres .....	148	20	51	13	34	1	65	90
	25 to 99 acres .....	120	9	25	10	44	8	23	58
	100 to 249 acres .....	74	1	3	3	14	3	7	30
	250 acres or more .....	54	5	-	2	13	2	1	57
Vegetables harvested for sale (see text) .....	farms, 1987..	67	5	25	11	34	3	16	68
	1982..	82	8	20	17	27	3	15	48
	acres, 1987..	22 683	(D)	1 372	2 376	5 613	(D)	169	49 796
	1982..	25 338	(D)	1 437	1 103	4 212	(D)	125	31 770
	farms, 1987..	67	5	25	11	34	3	16	68
	1982..	82	8	20	17	27	3	15	48
Irrigated .....	acres, 1987..	22 683	(D)	1 372	2 376	5 613	(D)	169	49 796
	1982..	25 338	(D)	1 437	1 103	4 212	(D)	125	31 770
1987 farms by acres harvested .....	0.1 to 4.9 acres .....	4	3	16	3	2	2	10	-
	5.0 to 24.9 acres .....	12	2	6	1	4	1	4	5
	25.0 to 99.9 acres .....	22	-	1	3	16	-	2	20
	100.0 acres or more .....	29	-	2	4	12	-	-	43
Land in orchards .....	farms, 1987..	365	31	16	43	81	16	61	256
	1982..	474	30	29	41	81	10	64	267
	acres, 1987..	16 326	318	46	(D)	10 089	222	263	31 118
	1982..	24 175	280	58	(D)	7 290	79	398	30 237
	farms, 1987..	365	31	16	43	81	16	61	256
	1982..	474	30	29	41	81	10	64	267
Irrigated .....	acres, 1987..	16 326	318	46	(D)	10 089	222	263	31 118
	1982..	24 175	280	58	(D)	7 290	79	398	30 237
1987 farms by bearing and nonbearing acres .....	0.1 to 4.9 acres .....	143	16	14	25	24	5	46	36
	5.0 to 24.9 acres .....	125	10	2	15	27	9	13	105
	25.0 to 99.9 acres .....	62	5	-	2	17	2	2	74
	100.0 acres or more .....	35	-	-	1	13	-	-	41

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>FARMS AND LAND IN FARMS</b>								
Land in farms ----- farms, 1987 ..	3 580	105	389	89	63	195	47	73
----- farms, 1982 ..	3 138	91	324	74	42	169	43	-
----- acres, 1987 ..	33 690 064	5 369 195	1 877 309	5 273 992	1 178 298	1 579 828	117 310	223 934
----- acres, 1982 ..	15 222 061	1 377 444	1 725 250	2 104 281	69 525	474 793	116 321	-
Average size of farm ----- acres, 1987 ..	9 411	51 135	4 826	59 258	18 703	8 102	2 496	3 068
----- acres, 1982 ..	4 851	15 137	5 325	28 436	1 655	2 809	2 705	-
Value of land and buildings <sup>1</sup> : ----- dollars, 1987 ..	2 550 172	6 260 848	1 341 434	10 328 800	4 140 359	2 266 482	694 064	4 111 464
----- dollars, 1982 ..	1 948 017	2 009 304	1 412 366	2 469 320	536 262	982 251	624 163	-
Average per acre ----- dollars, 1987 ..	270	123	274	154	224	275	272	1 526
----- dollars, 1982 ..	395	85	275	89	331	347	225	-
Total cropland ----- farms, 1987 ..	2 593	64	219	20	26	155	29	67
----- farms, 1982 ..	2 339	45	207	28	22	132	31	-
----- acres, 1987 ..	1 335 152	23 953	105 070	7 309	3 819	48 108	6 824	87 682
----- acres, 1982 ..	1 295 178	10 951	101 622	8 249	1 701	50 350	5 295	-
Harvested cropland ----- farms, 1987 ..	2 312	50	176	13	8	135	24	66
----- farms, 1982 ..	2 098	39	175	15	8	122	22	-
----- acres, 1987 ..	850 578	9 095	41 066	(D)	(D)	34 508	3 288	80 742
----- acres, 1982 ..	986 374	(D)	60 990	1 189	51	41 539	3 043	-
Irrigated land ----- farms, 1987 ..	2 442	59	190	17	14	146	28	67
----- farms, 1982 ..	2 221	47	185	19	12	129	27	-
----- acres, 1987 ..	884 572	9 092	46 071	2 141	985	35 968	3 721	81 081
----- acres, 1982 ..	1 015 227	4 247	67 317	2 182	294	42 692	3 252	-
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- \$1,000, 1987 ..	1 618 201	16 807	52 610	14 932	5 006	30 079	4 827	67 873
----- \$1,000, 1982 ..	1 477 105	6 592	44 249	10 614	2 155	27 925	3 626	-
Average per farm ----- dollars, 1987 ..	452 011	160 065	135 244	167 770	79 459	154 252	102 704	929 769
----- dollars, 1982 ..	470 715	72 437	136 570	143 433	51 301	165 235	84 332	-
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms ..	2 124	21	159	7	6	132	17	65
----- \$1,000 ..	894 294	1 271	22 384	730	(D)	19 036	1 231	67 425
Grains ----- farms ..	555	5	59	3	1	36	9	18
----- \$1,000 ..	35 185	(D)	2 529	(D)	(D)	1 502	(D)	2 098
Corn for grain ----- farms ..	90	1	46	2	1	12	8	3
----- \$1,000 ..	3 383	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wheat ----- farms ..	418	2	15	1	1	16	7	18
----- \$1,000 ..	27 503	(D)	217	(D)	(D)	(D)	153	2 000
Soybeans ----- farms ..	-	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-	-
Sorghum for grain ----- farms ..	34	1	5	-	-	6	1	1
----- \$1,000 ..	(D)	(D)	(D)	-	-	(D)	(D)	(D)
Barley ----- farms ..	153	1	-	-	1	17	5	1
----- \$1,000 ..	3 221	(D)	-	-	(D)	(D)	(D)	(D)
Oats ----- farms ..	20	2	6	-	-	5	-	-
----- \$1,000 ..	(D)	(D)	90	-	-	(D)	-	-
Other grains ----- farms ..	14	-	2	-	-	2	1	-
----- \$1,000 ..	347	-	(D)	-	-	(D)	(D)	-
Cotton and cottonseed ----- farms ..	1 179	-	81	-	1	77	12	33
----- \$1,000 ..	361 476	-	9 340	-	(D)	14 544	(D)	14 666
Tobacco ----- farms ..	-	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms ..	676	18	41	-	2	48	5	46
----- \$1,000 ..	73 370	417	1 621	-	(D)	1 067	93	19 652
Vegetables, sweet corn, and melons ----- farms ..	283	3	48	5	2	7	4	14
----- \$1,000 ..	240 846	(D)	6 764	503	(D)	(D)	(D)	30 019
Fruits, nuts, and berries ----- farms ..	435	-	35	2	-	32	2	8
----- \$1,000 ..	110 447	-	1 900	(D)	-	1 750	(D)	638
Nursery and greenhouse crops ----- farms ..	154	-	5	1	2	1	-	1
----- \$1,000 ..	60 853	-	(D)	(D)	(D)	(D)	-	(D)
Other crops ----- farms ..	54	1	1	1	-	1	-	2
----- \$1,000 ..	12 117	(D)	(D)	(D)	-	(D)	-	(D)
Livestock, poultry, and their products ----- farms ..	1 821	102	282	87	61	102	38	16
----- \$1,000 ..	723 907	15 535	30 226	14 202	(D)	11 043	3 596	(D)
Poultry and poultry products ----- farms ..	40	2	6	-	-	-	1	-
----- \$1,000 ..	4 454	(D)	3	-	-	-	(D)	-
Dairy products ----- farms ..	147	2	4	1	2	2	1	-
----- \$1,000 ..	168 385	(D)	(D)	(D)	(D)	(D)	(D)	-
Cattle and calves ----- farms ..	1 589	99	263	84	59	95	37	12
----- \$1,000 ..	501 379	11 787	22 696	12 433	4 538	6 307	2 410	212
Hogs and pigs ----- farms ..	89	1	29	-	-	9	1	1
----- \$1,000 ..	26 781	(D)	5 064	-	-	(D)	(D)	(D)
Sheep, lambs, and wool ----- farms ..	99	10	12	16	-	1	2	3
----- \$1,000 ..	8 962	2 542	1 024	908	-	(D)	(D)	(D)
Other livestock and livestock products (see text) ----- farms ..	414	16	42	17	7	17	2	5
----- \$1,000 ..	13 946	1 174	(D)	(D)	172	96	(D)	(D)

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>FARMS AND LAND IN FARMS</b>								
Land in farms .....								
farms, 1987 .....	1 052	95	112	164	539	87	186	384
1982 .....	990	81	91	150	403	58	172	450
acres, 1987 .....	1 296 717	1 758 883	7 440 982	3 058 412	1 771 871	320 985	2 161 144	261 204
1982 .....	1 246 180	1 467 854	1 128 816	998 971	1 485 968	356 181	2 329 304	341 173
Average size of farm .....								
acres, 1987 .....	1 233	18 515	66 437	18 649	3 287	3 689	11 619	680
1982 .....	1 259	18 122	12 405	6 660	3 687	6 141	13 542	758
Value of land and buildings <sup>1</sup> .....								
Average per farm .....								
dollars, 1987 .....	1 676 496	2 037 237	9 678 528	2 473 939	2 448 211	1 916 256	1 492 575	2 263 032
1982 .....	2 329 875	2 057 691	1 585 989	1 883 067	1 863 132	1 777 897	1 622 861	2 321 058
Average per acre .....								
dollars, 1987 .....	1 344	106	141	132	776	524	127	3 353
1982 .....	1 811	114	121	262	494	308	117	3 140
Total cropland .....								
farms, 1987 .....	842	39	59	83	484	27	109	370
1982 .....	787	38	56	93	342	24	102	432
acres, 1987 .....	411 823	17 345	12 192	34 818	335 743	5 904	20 142	214 420
1982 .....	443 274	16 369	9 355	41 597	295 554	6 179	20 458	284 224
Harvested cropland .....								
farms, 1987 .....	781	31	48	73	463	16	64	364
1982 .....	728	32	42	83	328	11	62	431
acres, 1987 .....	265 864	9 741	4 057	24 728	185 853	(D)	3 053	184 476
1982 .....	364 382	11 211	3 602	32 523	194 041	(D)	4 923	265 139
Irrigated land .....								
farms, 1987 .....	810	36	52	78	471	20	88	366
1982 .....	761	32	47	90	335	17	89	431
acres, 1987 .....	269 700	11 825	6 423	26 663	188 637	6 086	4 979	191 200
1982 .....	369 042	11 974	5 282	34 462	197 256	2 048	7 314	267 865
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) .....								
\$1,000, 1987 .....	546 047	13 108	28 321	55 896	402 028	6 428	18 732	355 508
1982 .....	623 185	13 452	18 653	41 298	314 146	4 145	17 561	349 504
Average per farm .....								
dollars, 1987 .....	519 056	137 975	252 865	340 832	745 877	73 888	100 709	925 802
1982 .....	629 480	166 075	204 982	275 321	779 519	71 466	102 100	776 675
1987 sales by commodity or commodity group .....								
Crops, including nursery and greenhouse crops .....								
farms .....	747	19	28	67	456	8	31	361
\$1,000 .....	307 801	6 045	1 226	35 497	173 520	(D)	1 496	255 959
Grains .....								
farms .....	135	4	5	15	160	1	4	100
\$1,000 .....	11 939	125	10	609	(D)	(D)	(D)	(D)
Corn for grain .....								
farms .....	6	-	4	-	4	-	3	-
\$1,000 .....	(D)	-	(D)	-	(D)	-	(D)	-
Wheat .....								
farms .....	106	3	1	15	136	1	1	95
\$1,000 .....	10 573	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Soybeans .....								
farms .....	-	-	-	-	-	-	-	-
\$1,000 .....	-	-	-	-	-	-	-	-
Sorghum for grain .....								
farms .....	5	-	1	5	7	-	-	2
\$1,000 .....	89	-	(D)	68	98	-	-	(D)
Barley .....								
farms .....	52	-	-	4	53	-	-	19
\$1,000 .....	1 082	-	-	(D)	(D)	-	-	728
Oats .....								
farms .....	3	1	-	-	2	-	-	1
\$1,000 .....	(D)	(D)	-	-	(D)	-	-	(D)
Other grains .....								
farms .....	3	-	-	-	4	-	-	2
\$1,000 .....	(D)	-	-	-	157	-	-	(D)
Cotton and cottonseed .....								
farms .....	417	7	-	36	406	1	-	108
\$1,000 .....	(D)	3 168	-	(D)	31 748	(D)	-	34 087
Tobacco .....								
farms .....	-	-	-	-	-	-	-	-
\$1,000 .....	-	-	-	-	-	-	-	-
Hay, silage, and field seeds .....								
farms .....	218	9	14	14	73	5	13	170
\$1,000 .....	18 788	2 596	151	473	4 286	(D)	149	23 682
Vegetables, sweet corn, and melons .....								
farms .....	63	2	15	9	33	1	10	67
\$1,000 .....	60 227	(D)	967	(D)	(D)	(D)	174	(D)
Fruits, nuts, and berries .....								
farms .....	149	5	3	7	31	2	8	151
\$1,000 .....	27 865	(D)	(D)	(D)	11 483	(D)	48	57 653
Nursery and greenhouse crops .....								
farms .....	83	2	2	20	15	-	5	17
\$1,000 .....	40 604	(D)	(D)	3 809	10 103	-	(D)	(D)
Other crops .....								
farms .....	14	-	7	-	5	-	-	22
\$1,000 .....	(D)	-	(D)	-	1 778	-	-	3 376
Livestock, poultry, and their products .....								
farms .....	401	81	107	108	129	86	177	44
\$1,000 .....	238 245	7 063	27 095	20 400	228 508	6 005	17 236	99 549
Poultry and poultry products .....								
farms .....	11	1	3	6	2	2	5	1
\$1,000 .....	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)
Dairy products .....								
farms .....	112	1	3	4	10	-	3	2
\$1,000 .....	(D)	(D)	238	(D)	11 847	-	(D)	(D)
Cattle and calves .....								
farms .....	294	80	99	82	114	83	164	24
\$1,000 .....	83 935	6 856	10 277	9 843	212 191	5 930	15 310	96 654
Hogs and pigs .....								
farms .....	16	-	8	2	11	1	4	6
\$1,000 .....	2 863	-	14 236	(D)	1 953	(D)	51	(D)
Sheep, lambs, and wool .....								
farms .....	16	1	15	3	8	1	3	8
\$1,000 .....	690	(D)	785	(D)	(D)	(D)	(D)	(D)
Other livestock and livestock products (see text) .....								
farms .....	127	19	24	38	19	15	48	18
\$1,000 .....	6 038	42	1 558	572	803	72	1 107	574

See footnotes at end of table

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	44	-	13	1	-	6	5	1
Field crops, except cash grains (013) .....	1 267	8	86	-	-	79	8	52
Cotton (0131) .....	1 001	-	47	-	-	71	7	19
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	266	8	19	-	-	8	1	33
Vegetables and melons (016) .....	155	-	29	2	-	1	1	4
Fruits and tree nuts (017) .....	334	-	18	-	-	24	-	6
Horticultural specialties (018) .....	132	-	2	1	2	1	-	1
General farms, primarily crop (019) .....	48	-	11	-	1	3	1	1
Livestock, except dairy, poultry, and animal specialties (021) .....	1 290	95	238	84	57	73	31	8
Beef cattle, except feedlots (0212) .....	1 127	90	211	72	55	65	31	5
Dairy farms (024) .....	139	1	4	-	1	1	1	-
Poultry and eggs (025) .....	9	1	-	-	-	-	-	-
Animal specialties (027) .....	159	-	7	1	2	7	-	2
General farms, primarily livestock and animal specialties (029) .....	3	-	1	-	-	-	-	-
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	1987.. 313	6	20	15	7	9	2	4
.....	1982.. 230	2	8	1	3	15	-	-
10 to 49 acres .....	1987.. 464	3	14	3	11	25	1	5
.....	1982.. 427	5	9	5	9	19	7	-
50 to 69 acres .....	1987.. 109	1	7	2	5	2	2	1
.....	1982.. 96	-	3	-	5	6	-	-
70 to 99 acres .....	1987.. 161	3	17	2	4	8	1	1
.....	1982.. 137	3	12	3	2	4	1	-
100 to 139 acres .....	1987.. 137	2	7	-	1	10	6	3
.....	1982.. 121	1	3	2	1	7	5	-
140 to 179 acres .....	1987.. 185	4	30	3	5	14	5	6
.....	1982.. 156	2	23	3	2	5	6	-
180 to 219 acres .....	1987.. 104	1	6	1	1	9	2	3
.....	1982.. 86	3	6	3	2	2	2	-
220 to 259 acres .....	1987.. 101	-	8	1	3	4	3	2
.....	1982.. 88	1	16	-	2	5	3	-
260 to 499 acres .....	1987.. 460	3	48	4	1	34	7	9
.....	1982.. 384	7	46	5	2	33	9	-
500 to 999 acres .....	1987.. 512	13	48	12	3	34	8	15
.....	1982.. 458	5	44	12	2	36	3	-
1,000 to 1,999 acres .....	1987.. 342	7	47	6	4	15	6	13
.....	1982.. 328	11	35	7	3	14	3	-
2,000 acres or more .....	1987.. 692	62	137	40	18	31	4	11
.....	1982.. 627	51	119	33	9	23	4	-
<b>TENURE OF OPERATOR</b>								
Full owners .....	farms, 1987.. 1 765	49	199	54	49	110	35	11
.....	....., 1982.. 1 614	39	171	42	32	78	32	-
.....	acres, 1987.. 21 824 297	4 493 199	414 746	3 823 613	1 072 478	1 255 669	19 246	147 777
.....	....., 1982.. 2 575 562	308 557	363 879	250 850	9 713	80 927	12 138	-
Part owners .....	farms, 1987.. 1 010	50	149	24	10	63	9	10
.....	....., 1982.. 1 028	46	140	25	10	71	11	-
.....	acres, 1987.. 9 991 535	855 192	1 036 082	1 169 005	98 947	312 138	64 814	(D)
.....	....., 1982.. 9 388 749	872 257	1 307 520	1 014 371	59 812	360 620	104 183	-
Tenants .....	farms, 1987.. 805	6	41	11	4	22	3	52
.....	....., 1982.. 496	6	13	7	-	20	-	-
.....	acres, 1987.. 1 874 232	20 804	426 481	281 374	6 873	12 021	33 250	(D)
.....	....., 1982.. 3 257 750	196 630	53 851	839 060	-	33 246	-	-
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	1987.. 1 838	51	264	48	44	107	37	41
.....	1982.. 1 658	41	219	41	33	102	31	-
Not on farm operated .....	1987.. 1 496	42	105	36	13	66	7	30
.....	1982.. 1 080	37	71	20	5	44	8	-
Not reported .....	1987.. 246	12	20	5	6	22	3	2
.....	1982.. 400	13	34	13	4	23	4	-
Operators by principal occupation:								
Farming .....	1987.. 2 588	66	285	57	40	144	36	64
.....	1982.. 2 325	61	268	48	32	142	29	-
Other .....	1987.. 992	39	104	32	23	51	11	9
.....	1982.. 813	30	56	26	10	27	14	-
Operators by days of work off farm								
None .....	1987.. 1 812	47	187	28	29	100	23	40
.....	1982.. 1 621	39	160	37	24	93	20	-
Any .....	1987.. 1 503	55	174	53	30	78	22	27
.....	1982.. 1 170	42	120	32	16	52	21	-
1 to 49 days .....	1987.. 236	12	30	14	5	11	2	7
.....	1982.. 189	5	26	4	4	13	6	-
50 to 99 days .....	1987.. 112	3	10	4	3	2	-	3
.....	1982.. 88	4	11	3	3	2	3	-
100 to 149 days .....	1987.. 147	3	20	14	3	12	5	4
.....	1982.. 83	6	16	1	1	5	2	-

See footnotes at end of table



Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	7	-	-	1	2	-	-	8
Field crops, except cash grains (013) .....	458	12	5	32	399	3	5	140
Cotton (0131) .....	371	7	-	28	391	-	-	60
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets, Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	87	5	5	4	8	3	5	80
Vegetables and melons (016) .....	34	1	3	6	14	-	6	54
Fruits and tree nuts (017) .....	134	2	-	2	14	2	2	130
Horticultural specialties (018) .....	78	1	2	18	13	-	5	8
General farms, primarily crop (019) .....	8	-	4	-	3	1	-	15
Livestock, except dairy, poultry, and animal specialties (021) .....	134	78	91	76	76	79	155	17
Beef cattle, except feedlots (0212) .....	96	77	77	67	51	77	147	6
Dairy farms (024) .....	111	1	3	4	9	-	2	1
Poultry and eggs (025) .....	3	-	-	2	1	-	2	-
Animal specialties (027) .....	85	-	3	23	7	2	9	11
General farms, primarily livestock and animal specialties (029) .....	-	-	1	-	1	-	-	-
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	1987.. 153	9	9	36	21	3	7	12
..... 1982.. 128		6	3	20	23	-	8	13
10 to 49 acres .....	1987.. 224	5	9	23	23	4	16	98
..... 1982.. 216		6	7	18	22	1	15	88
50 to 69 acres .....	1987.. 48	-	6	1	8	1	7	18
..... 1982.. 46		3	3	3	6	2	5	14
70 to 99 acres .....	1987.. 56	4	1	6	18	6	11	23
..... 1982.. 60		1	1	7	10	5	3	25
100 to 139 acres .....	1987.. 55	-	2	2	22	-	6	21
..... 1982.. 43		-	6	7	7	1	9	29
140 to 179 acres .....	1987.. 45	3	5	7	22	7	8	21
..... 1982.. 53		-	2	6	16	4	9	25
180 to 219 acres .....	1987.. 29	1	3	1	29	3	2	13
..... 1982.. 26		2	-	1	10	1	7	21
220 to 259 acres .....	1987.. 36	-	1	2	22	1	10	8
..... 1982.. 28		2	2	-	10	-	7	12
260 to 499 acres .....	1987.. 151	6	3	14	99	13	18	50
..... 1982.. 109		5	7	13	63	7	16	62
500 to 999 acres .....	1987.. 121	9	11	16	139	15	18	50
..... 1982.. 133		9	10	20	87	10	17	70
1,000 to 1,999 acres .....	1987.. 76	5	10	16	76	10	8	43
..... 1982.. 84		5	14	15	73	6	5	53
2,000 acres or more .....	1987.. 58	53	52	40	60	24	75	27
..... 1982.. 64		42	36	40	76	21	71	38
<b>TENURE OF OPERATOR</b>								
Full owners .....	farms, 1987.. 517	59	54	94	178	54	103	199
..... 1982.. 525		38	41	87	183	33	99	214
acres, 1987.. 228 823		718 295	6 053 564	2 387 940	851 526	128 386	170 700	58 335
..... 1982.. 256 266		206 281	75 706	77 645	191 740	108 500	552 125	81 235
Part owners .....	farms, 1987.. 222	30	53	48	133	29	72	108
..... 1982.. 267		34	46	44	134	20	56	124
acres, 1987.. 846 851		995 079	1 217 748	656 777	639 576	(D)	1 743 195	143 250
..... 1982.. 429 252		884 208	887 889	735 982	1 082 188	240 319	1 251 653	158 495
Tenants .....	farms, 1987.. 313	6	5	22	228	4	11	77
..... 1982.. 198		9	4	19	86	5	17	112
acres, 1987.. 221 043		45 509	169 670	13 695	280 769	(D)	247 249	59 619
..... 1982.. 560 662		377 365	165 221	185 344	212 040	7 362	525 526	101 443
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	1987.. 478	47	81	98	203	59	127	153
..... 1982.. 493		39	62	102	169	48	100	178
Not on farm operated .....	1987.. 497	42	24	60	301	23	50	200
..... 1982.. 373		29	20	36	167	8	52	210
Not reported .....	1987.. 77	6	7	6	35	5	9	31
..... 1982.. 124		13	9	12	67	2	20	62
Operators by principal occupation:								
Farming .....	1987.. 743	67	72	114	442	66	128	264
..... 1982.. 703		60	61	119	329	47	115	311
Other .....	1987.. 309	28	40	50	97	21	58	120
..... 1982.. 287		21	30	31	74	11	57	139
Operators by days of work off farm:								
None .....	1987.. 548	50	39	85	306	41	108	181
..... 1982.. 537		31	38	74	242	26	91	209
Any .....	1987.. 429	39	68	59	188	42	70	169
..... 1982.. 357		37	42	56	122	18	66	189
1 to 49 days .....	1987.. 70	6	7	9	23	5	9	26
..... 1982.. 61		6	3	10	18	4	8	21
50 to 99 days .....	1987.. 29	4	7	7	18	4	5	13
..... 1982.. 16		7	1	9	13	1	2	13
100 to 149 days .....	1987.. 31	2	11	4	16	5	8	9
..... 1982.. 19		3	2	1	10	-	11	6

See footnotes at end of table.

Table 16. **Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by days of work off farm—Con								
Any—Con.								
150 to 199 days..... 1987..	164	9	20	6	2	5	4	2
1982..	124	6	11	9	1	8	1	-
200 days or more..... 1987..	844	28	94	15	17	48	11	11
1982..	686	21	56	15	7	24	9	-
Not reported..... 1987..	265	3	28	8	4	17	2	6
1982..	347	10	44	5	2	24	2	-
1987 operators by years on present farm								
2 years or less.....	361	4	30	3	4	15	2	11
3 or 4 years.....	341	7	42	3	5	20	3	6
5 to 9 years.....	685	17	80	13	13	38	6	14
10 years or more.....	1 609	53	189	43	28	89	29	31
Average years on present farm.....	15.0	18.7	16.0	19.8	17.4	15.7	17.2	11.4
Not reported.....	584	24	48	27	13	33	7	11
1987 operators by age group.								
Under 25 years.....	46	3	1	-	-	4	-	-
25 to 34 years.....	363	7	33	4	1	16	7	8
35 to 44 years.....	735	20	71	17	9	37	12	14
45 to 54 years.....	830	16	89	16	22	49	11	26
55 to 64 years.....	928	35	115	26	16	50	6	17
65 years and over.....	678	24	80	26	15	39	11	8
Average age.....	52.0	53.9	53.7	56.8	54.8	52.2	51.4	50.5
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship)..... farms, 1987..								
1982..	1 936	60	278	48	39	113	28	35
acres, 1987..	1 895	65	241	51	27	109	32	-
1982..	5 017 187	542 702	899 785	327 752	112 964	257 556	45 350	16 650
Partnership..... farms, 1987..	6 433 329	980 959	876 142	423 784	34 969	167 087	55 657	-
1982..	963	17	73	18	13	56	17	25
acres, 1987..	649	9	54	10	10	42	8	-
1982..	4 417 953	126 079	(D)	504 089	(D)	141 435	(D)	29 665
Corporation.....	3 802 062	(D)	445 572	(D)	10 838	188 799	(D)	-
Family held..... farms, 1987..	456	15	31	5	3	12	1	10
1982..	456	14	23	7	4	10	1	-
acres, 1987..	2 746 206	366 040	434 829	111 116	(D)	(D)	(D)	26 784
1982..	3 766 065	(D)	347 226	(D)	(D)	(D)	(D)	-
Other than family held..... farms, 1987..	100	-	5	3	-	2	-	-
1982..	103	3	6	3	-	4	2	-
acres, 1987..	1 113 143	-	(D)	593 861	-	(D)	-	-
1982..	1 071 673	54 743	56 310	637 852	-	(D)	(D)	-
Other—cooperative, estate or trust, institutional, etc..... farms, 1987..								
1982..	125	13	2	15	8	12	1	3
acres, 1987..	35	-	-	3	1	4	-	-
1982..	20 395 575	4 334 374	(D)	3 737 174	1 051 854	(D)	(D)	150 835
1982..	148 932	-	-	562	(D)	5 253	-	-
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses..... farms..								
\$1,000..	3 578	105	394	80	64	193	47	84
Livestock and poultry purchased..... farms..	1 276 025	13 450	39 766	10 456	4 445	24 687	3 485	54 234
\$1,000..	1 078	66	162	32	44	66	17	67
Feed for livestock and poultry..... farms..	242 128	4 406	6 287	2 507	925	1 484	149	17
\$1,000..	1 683	93	220	57	63	93	33	16
Commercially mixed formula feeds..... farms..	204 074	2 126	3 833	1 805	816	2 031	709	124
\$1,000..	637	31	79	19	20	24	11	6
Seeds, bulbs, plants, and trees..... farms..	59 947	180	573	168	67	(D)	(D)	2
\$1,000..	1 801	13	153	5	5	102	24	68
Commercial fertilizer..... farms..	17 584	85	665	12	(D)	449	43	1 452
\$1,000..	2 101	32	160	5	5	128	24	78
Agricultural chemicals..... farms..	51 188	337	1 795	68	28	1 057	114	4 166
\$1,000..	2 132	9	173	14	9	124	28	77
Petroleum products..... farms..	59 784	22	1 667	13	18	1 627	79	5 459
\$1,000..	3 479	104	387	79	64	193	47	84
Electricity..... farms..	42 161	462	3 156	681	355	1 937	234	2 576
\$1,000..	2 567	57	316	28	38	142	29	60
Hired farm labor..... farms..	37 102	296	1 793	64	65	669	86	1 408
\$1,000..	2 683	87	265	63	36	164	30	69
Contract labor..... farms..	206 676	2 420	5 509	1 657	619	4 631	436	14 107
\$1,000..	1 269	22	118	15	16	54	20	46
Repair and maintenance..... farms..	39 824	195	1 064	38	37	(D)	104	2 672
\$1,000..	3 172	93	358	78	60	168	44	77
Customwork, machine hire, and rental of machinery and equipment..... farms..	50 792	409	2 574	505	182	1 809	265	2 907
\$1,000..	1 662	35	133	8	8	88	31	70
Interest..... farms..	34 545	74	959	6	(D)	626	126	1 751
\$1,000..	2 274	57	231	56	38	116	32	52
Cash rent..... farms..	71 476	987	3 974	814	538	2 475	274	3 892
\$1,000..	1 403	22	116	39	9	39	11	69
Property taxes..... farms..	46 169	186	1 319	698	20	(D)	184	6 192
\$1,000..	2 905	102	360	67	57	173	46	346
All other farm production expenses..... farms..	18 340	195	1 041	456	120	610	85	47
\$1,000..	3 577	105	394	80	64	192	47	84
See footnotes at end of table	154 181	1 250	4 132	1 133	698	3 843	597	7 164

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days .....	1987.. 37	9	8	6	22	9	10	15
1982.. 33	3	1	8	16	2	13	12	
200 days or more .....	1987.. 262	18	35	33	109	19	38	106
1982.. 228	18	35	28	65	11	32	137	
Not reported .....	1987.. 75	6	5	20	45	4	8	34
1982.. 96	13	11	20	39	14	15	52	
1987 operators by years on present farm.								
2 years or less .....	141	3	1	10	93	3	13	28
3 or 4 years .....	101	7	3	16	76	8	13	31
5 to 9 years .....	206	17	17	31	93	21	39	80
10 years or more .....	433	56	65	85	189	44	96	179
Average years on present farm .....	13.4	22.8	21.0	14.2	12.4	16.2	15.5	
Not reported .....	171	12	26	22	88	11	25	66
1987 operators by age group:								
Under 25 years .....	14	-	-	3	10	-	1	10
25 to 34 years .....	137	9	2	7	87	3	10	32
35 to 44 years .....	248	19	14	30	119	16	34	75
45 to 54 years .....	260	8	39	49	118	7	40	80
55 to 64 years .....	233	29	35	40	139	30	44	113
65 years and over .....	160	30	22	35	66	31	57	74
Average age .....	49.9	56.6	54.9	53.7	48.8	59.2	55.4	52.4
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) .....								
farms, 1987.. 549	52	69	87	228	51	93	206	
1982.. 561	50	62	95	220	34	97	251	
acres, 1987.. 270 488	442 427	752 377	118 120	(D)	150 181	700 031	(D)	
1982.. 424 227	722 904	605 160	313 895	549 568	238 218	948 661	92 098	
Partnership .....								
farms, 1987.. 323	19	22	30	194	20	44	92	
1982.. 214	15	18	25	94	10	39	101	
acres, 1987.. 708 157	232 702	551 711	285 044	357 024	94 528	783 671	76 272	
1982.. 571 943	(D)	292 174	218 227	513 494	47 181	805 874	103 725	
Corporation:								
Family held .....								
farms, 1987.. 141	15	5	19	86	14	38	61	
1982.. 173	14	7	25	68	9	31	70	
acres, 1987.. 217 061	(D)	(D)	136 945	(D)	(D)	538 238	60 754	
1982.. 156 420	396 558	(D)	363 042	376 672	62 015	(D)	97 678	
Other than family held .....								
farms, 1987.. 31	2	2	12	22	2	3	16	
1982.. 33	-	1	4	18	2	2	24	
acres, 1987.. 67 970	(D)	(D)	154 555	(D)	(D)	14 906	35 859	
1982.. 92 952	-	(D)	(D)	43 424	(D)	(D)	45 649	
Other—cooperative, estate or trust, institutional, etc .....								
farms, 1987.. 8	7	14	16	9	-	8	9	
1982.. 9	2	3	1	3	2	3	4	
acres, 1987.. 33 041	624 543	6 009 882	2 363 748	(D)	-	124 298	(D)	
1982.. 638	(D)	43 270	(D)	2 810	(D)	17 234	2 023	
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses .....								
farms.. 1 054	93	108	164	540	86	186	380	
\$1,000.. 429 364	9 893	19 295	39 164	325 292	4 847	16 336	281 311	
Livestock and poultry purchased .....								
farms.. 274	49	50	49	79	44	110	29	
\$1,000.. 43 547	701	1 828	1 574	122 905	1 003	3 298	51 497	
Feed for livestock and poultry .....								
farms.. 408	83	97	116	110	78	174	42	
\$1,000.. 87 523	(D)	5 889	7 143	54 686	569	2 417	(D)	
Commercially mixed formula feeds .....								
farms.. 191	31	47	34	38	30	58	18	
\$1,000.. 41 507	236	2 864	2 788	8 118	160	846	(D)	
Seeds, bulbs, plants, and trees .....								
farms.. 579	18	32	66	458	4	25	249	
\$1,000.. 6 461	(D)	45	1 134	2 380	7	48	4 668	
Commercial fertilizer .....								
farms.. 695	14	44	64	459	11	44	338	
\$1,000.. 15 129	287	176	1 438	10 532	28	91	15 943	
Agricultural chemicals .....								
farms.. 709	23	25	64	470	12	54	341	
\$1,000.. 18 153	328	24	1 194	13 488	40	63	17 612	
Petroleum products .....								
farms.. 991	90	108	163	535	81	177	376	
\$1,000.. 12 189	608	1 578	1 190	8 100	279	974	7 841	
Electricity .....								
farms.. 789	68	63	132	403	65	120	257	
\$1,000.. 15 106	323	466	1 579	10 465	145	270	4 368	
Hired farm labor .....								
farms.. 842	47	57	98	469	60	128	268	
\$1,000.. 77 319	2 037	3 957	8 838	34 556	1 114	2 522	46 954	
Contract labor .....								
farms.. 376	18	8	39	262	22	66	187	
\$1,000.. 14 400	(D)	115	264	5 868	113	167	14 407	
Repair and maintenance .....								
farms.. 923	88	91	133	483	75	159	342	
\$1,000.. 18 753	823	684	1 555	10 652	310	755	8 610	
Customwork, machine hire, and rental of machinery and equipment .....								
farms.. 528	19	27	66	329	16	54	250	
\$1,000.. 13 940	(D)	78	725	6 660	27	63	9 359	
Interest .....								
farms.. 724	47	56	81	388	31	94	271	
\$1,000.. 27 631	1 270	1 040	1 814	9 346	155	2 078	15 188	
Cash rent .....								
farms.. 459	7	25	62	319	29	34	163	
\$1,000.. 15 853	(D)	453	871	7 883	97	424	(D)	
Property taxes .....								
farms.. 786	90	95	141	358	85	180	321	
\$1,000.. 5 932	(D)	413	639	3 545	272	618	(D)	
All other farm production expenses .....								
farms.. 1 054	93	108	164	540	86	186	380	
\$1,000.. 57 429	1 547	2 548	9 207	24 227	688	2 546	37 173	

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms, 1987 ..	3 570	105	394	80	64	193	47	84
1982 ..	3 094	56	325	75	42	171	43	-
\$1,000, 1987 ..	369 385	4 313	19 279	5 122	2 151	14 587	2 561	26 468
1982 ..	339 410	2 193	22 445	2 567	1 099	14 676	1 992	-
Average per farm ----- dollars, 1987 ..	103 469	41 076	48 931	64 028	33 612	75 578	54 494	315 100
1982 ..	109 699	39 168	69 061	34 221	26 166	85 827	46 329	-
Motortrucks, including pickups ----- farms, 1987 ..	3 397	103	378	80	62	192	44	77
1982 ..	2 886	54	293	69	42	159	40	-
number, 1987 ..	11 390	344	1 003	571	175	628	113	353
1982 ..	9 816	157	863	237	106	461	110	-
Wheel tractors ----- farms, 1987 ..	2 891	69	310	40	36	171	38	59
1982 ..	2 404	41	249	46	29	126	27	-
number, 1987 ..	9 763	228	620	97	76	502	77	405
1982 ..	8 706	71	666	61	38	359	58	-
Grain and bean combines <sup>2</sup> ----- farms, 1987 ..	273	6	52	-	1	41	4	5
1982 ..	251	-	40	2	-	38	8	-
number, 1987 ..	323	7	54	-	(D)	41	5	7
1982 ..	328	-	44	(D)	-	38	(D)	-
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory ----- farms, 1987 ..	1 558	96	258	83	58	90	37	13
1982 ..	1 468	88	213	66	39	77	36	-
number, 1987 ..	1 071 992	53 296	71 736	58 674	30 062	34 314	11 536	(D)
1982 ..	968 140	28 801	56 586	34 361	14 018	28 222	11 589	-
Cows and heifers that had calved ----- farms, 1987 ..	1 342	89	235	75	56	78	36	10
1982 ..	1 231	79	192	59	37	70	36	-
number, 1987 ..	400 925	29 973	38 856	32 442	16 755	19 713	8 204	1 489
1982 ..	298 009	16 005	30 347	16 590	8 620	12 428	7 795	-
Beef cows ----- farms, 1987 ..	1 201	86	231	74	56	76	36	10
1982 ..	1 052	77	187	59	37	64	33	-
number, 1987 ..	314 998	29 916	38 493	(D)	16 727	(D)	(D)	(D)
1982 ..	217 331	15 953	29 928	16 560	(D)	(D)	(D)	-
Milk cows ----- farms, 1987 ..	262	15	23	1	7	7	5	1
1982 ..	340	21	35	6	2	12	11	-
number, 1987 ..	85 927	57	363	(D)	28	(D)	(D)	(D)
1982 ..	80 678	52	419	30	(D)	(D)	(D)	-
Heifers and heifer calves ----- farms, 1987 ..	1 183	84	192	64	48	72	32	8
1982 ..	151 324	11 982	12 646	12 424	6 000	7 169	1 444	432
Steers, steer calves, bulls, and bull calves ----- farms, 1987 ..	1 365	87	228	76	52	83	33	9
1982 ..	519 743	11 341	20 234	13 808	7 307	7 432	1 888	(D)
Cattle and calves sold ----- farms, 1987 ..	1 589	99	263	84	59	95	37	12
1982 ..	1 469	90	209	71	40	77	32	-
number, 1987 ..	991 912	33 227	53 905	31 196	12 650	18 479	(D)	(D)
1982 ..	958 368	16 033	39 148	23 510	6 144	19 121	5 861	-
Calves ----- farms, 1987 ..	1 107	84	192	58	35	64	31	9
1982 ..	207 772	16 176	18 094	9 560	2 745	5 536	4 880	(D)
Cattle ----- farms, 1987 ..	1 373	85	232	73	54	81	31	10
1982 ..	1 256	79	175	57	38	58	27	-
number, 1987 ..	784 140	17 051	35 811	21 636	9 905	12 943	2 310	(D)
1982 ..	836 572	9 536	22 087	18 302	4 296	14 941	2 189	-
Fattened on grain and concentrates ----- farms, 1987 ..	132	2	13	2	2	2	-	-
1982 ..	508 289	(D)	(D)	(D)	(D)	(D)	-	-
Hogs and pigs inventory ----- farms, 1987 ..	100	1	29	-	2	9	1	1
1982 ..	121	4	29	1	-	18	3	-
number, 1987 ..	133 960	(D)	10 449	-	(D)	16 103	(D)	(D)
1982 ..	156 027	53	29 915	(D)	-	24 750	(D)	-
Used or to be used for breeding ----- farms, 1987 ..	64	1	17	-	-	8	1	1
1982 ..	78	1	20	1	-	13	3	-
number, 1987 ..	14 596	(D)	1 195	-	-	(D)	(D)	(D)
1982 ..	18 743	(D)	3 177	(D)	-	2 975	(D)	-
Other ----- farms, 1987 ..	99	1	28	-	2	9	1	1
1982 ..	113	4	29	-	-	17	3	-
number, 1987 ..	119 364	(D)	9 254	-	(D)	(D)	(D)	(D)
1982 ..	137 284	(D)	26 738	-	-	21 775	(D)	-
Hogs and pigs sold ----- farms, 1987 ..	89	1	29	-	-	9	1	1
1982 ..	101	1	27	3	-	15	3	-
number, 1987 ..	235 677	(D)	40 578	-	-	(D)	(D)	(D)
1982 ..	256 416	(D)	45 273	5	-	36 147	(D)	-
Feeder pigs ----- farms, 1987 ..	18	-	6	-	-	2	-	-
1982 ..	32	-	12	-	-	3	-	-
number, 1987 ..	23 948	-	(D)	-	-	(D)	-	-
1982 ..	23 167	-	3 059	-	-	(D)	-	-
Sheep and lambs inventory ----- farms, 1987 ..	109	11	13	16	1	1	3	3
1982 ..	99	8	11	9	1	1	2	-
number, 1987 ..	291 583	104 534	13 172	47 538	(D)	(D)	(D)	(D)
1982 ..	147 357	1 470	(D)	12 730	(D)	(D)	(D)	-
Sheep and lambs sold ----- farms, 1987 ..	93	10	12	15	-	1	2	3
1982 ..	84	6	6	10	1	1	2	-
number, 1987 ..	111 006	28 896	12 373	11 580	-	(D)	(D)	(D)
1982 ..	120 724	580	(D)	15 204	(D)	(D)	(D)	-
Hens and pullets of laying age inventory ----- farms, 1987 ..	144	5	28	3	2	12	2	2
1982 ..	196	9	31	8	6	10	7	-
number, 1987 ..	475 031	53	(D)	47	(D)	(D)	(D)	(D)
1982 ..	-	(D)	687	313	90	235	(D)	-
Broilers and other meat-type chickens sold ----- farms, 1987 ..	3	1	-	-	-	-	-	-
1982 ..	4	-	-	-	-	-	-	-
number, 1987 ..	-	(D)	-	-	-	-	-	-
1982 ..	(D)	-	-	-	-	-	-	-

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms, 1987..	1 054	93	108	164	532	86	186	380
----- farms, 1982..	985	81	91	150	401	58	173	443
51,000, 1987..	114 547	5 120	7 936	11 817	83 296	2 264	6 734	63 190
----- farms, 1982..	132 255	4 689	3 976	11 297	58 659	1 905	5 298	76 357
Average per farm ----- dollars, 1987..	108 679	55 055	73 478	72 054	156 571	26 330	36 203	166 289
----- dollars, 1982..	134 269	57 885	43 685	75 314	146 283	32 845	30 626	172 364
Motortrucks, including pickups ----- farms, 1987..	991	93	103	157	514	85	169	349
----- farms, 1982..	912	78	90	145	392	57	163	392
number, 1987..	3 254	303	572	489	1 650	196	539	1 200
----- farms, 1982..	3 320	272	222	426	1 419	158	474	1 591
Wheel tractors ----- farms, 1987..	901	51	74	98	500	35	142	367
----- farms, 1982..	817	40	73	89	348	22	103	394
number, 1987..	3 395	129	167	304	1 883	57	250	1 573
----- farms, 1982..	3 387	108	130	277	1 440	39	209	1 863
Grain and bean combines <sup>2</sup> ----- farms, 1987..	40	2	8	2	54	1	3	54
----- farms, 1982..	31	2	1	11	46	1	2	69
number, 1987..	(D)	(D)	8	(D)	54	(D)	3	90
----- farms, 1982..	(D)	(D)	(D)	12	69	(D)	(D)	111
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory ----- farms, 1987..	286	82	100	78	108	84	157	28
----- farms, 1982..	344	70	76	72	135	51	155	46
number, 1987..	205 297	32 750	52 049	44 362	267 405	23 690	69 897	(D)
----- farms, 1982..	266 034	28 151	21 849	28 162	232 044	17 223	64 617	136 483
Cows and heifers that had calved ----- farms, 1987..	214	74	91	62	88	78	140	16
----- farms, 1982..	246	69	67	62	101	45	143	25
number, 1987..	93 939	19 008	32 919	29 040	21 402	15 955	39 851	1 379
----- farms, 1982..	90 079	16 455	11 523	16 557	20 592	11 073	36 618	3 327
Beef cows ----- farms, 1987..	108	73	89	57	76	77	138	14
----- farms, 1982..	110	66	62	57	93	45	140	22
number, 1987..	21 212	18 950	32 777	(D)	15 839	(D)	39 671	(D)
----- farms, 1982..	20 353	(D)	11 264	(D)	18 010	11 045	(D)	(D)
Milk cows ----- farms, 1987..	116	10	14	10	20	14	17	2
----- farms, 1982..	154	11	22	16	12	10	24	4
number, 1987..	72 727	58	142	(D)	5 563	(D)	180	(D)
----- farms, 1982..	69 726	(D)	259	(D)	2 582	28	(D)	(D)
Heifers and heifer calves ----- farms, 1987..	188	72	80	63	75	59	128	18
----- farms, 1982..	42 879	6 527	10 492	8 933	10 033	3 337	16 295	731
Steers, steer calves, bulls, and bull calves ----- farms, 1987..	235	76	84	71	96	77	137	21
----- farms, 1982..	68 479	7 215	8 638	6 389	235 970	4 398	13 751	(D)
Cattle and calves sold ----- farms, 1987..	294	80	99	82	114	83	164	24
----- farms, 1982..	541	72	78	71	131	54	159	44
number, 1987..	190 477	18 730	27 430	28 428	366 477	16 533	40 491	(D)
----- farms, 1982..	328 306	18 286	14 002	22 057	282 502	11 741	35 986	135 671
Calves ----- farms, 1987..	191	59	73	53	61	66	120	11
----- farms, 1982..	49 629	7 734	13 257	7 262	43 481	9 717	18 521	(D)
Cattle ----- farms, 1987..	255	68	86	71	100	62	145	20
----- farms, 1982..	293	61	73	58	111	50	137	39
number, 1987..	140 848	10 996	14 173	21 166	322 996	6 816	21 970	(D)
----- farms, 1982..	292 129	11 271	8 371	14 005	274 785	5 919	23 957	134 784
Fattened on grain and concentrates ----- farms, 1987..	45	3	12	9	26	3	7	6
----- farms, 1982..	91 267	(D)	296	2 294	265 063	(D)	1 076	(D)
Hogs and pigs inventory ----- farms, 1987..	18	-	8	4	11	2	7	7
----- farms, 1982..	18	3	12	6	8	-	7	12
number, 1987..	15 056	-	80 412	(D)	8 426	(D)	144	(D)
----- farms, 1982..	7 925	(D)	(D)	136	11 340	-	(D)	10 282
Used or to be used for breeding ----- farms, 1987..	8	-	8	4	7	1	2	6
----- farms, 1982..	8	3	6	4	7	-	5	7
number, 1987..	1 095	-	8 942	36	(D)	(D)	(D)	(D)
----- farms, 1982..	1 084	(D)	(D)	20	1 773	-	(D)	1 227
Other ----- farms, 1987..	18	-	8	4	11	2	7	7
----- farms, 1982..	17	3	12	5	6	-	5	12
number, 1987..	13 961	-	71 470	(D)	(D)	(D)	(D)	(D)
----- farms, 1982..	6 841	(D)	(D)	116	9 567	-	(D)	9 055
Hogs and pigs sold ----- farms, 1987..	16	-	8	2	11	1	4	6
----- farms, 1982..	13	3	8	5	7	-	6	10
number, 1987..	26 684	-	123 883	(D)	16 067	(D)	(D)	(D)
----- farms, 1982..	23 130	(D)	102 686	270	18 713	-	(D)	15 206
Feeder pigs ----- farms, 1987..	3	-	1	-	1	-	1	4
----- farms, 1982..	3	1	2	2	1	-	3	5
number, 1987..	(D)	-	(D)	-	(D)	-	(D)	(D)
----- farms, 1982..	(D)	(D)	(D)	(D)	(D)	-	(D)	3 802
Sheep and lambs inventory ----- farms, 1987..	18	3	15	3	9	2	3	8
----- farms, 1982..	28	2	10	4	7	3	5	8
number, 1987..	12 155	(D)	60 841	(D)	19 608	(D)	(D)	21 616
----- farms, 1982..	74 765	(D)	976	(D)	18 702	(D)	(D)	25 718
Sheep and lambs sold ----- farms, 1987..	15	1	13	3	7	1	3	7
----- farms, 1982..	25	2	7	2	6	3	5	8
number, 1987..	8 992	(D)	10 432	(D)	14 790	(D)	(D)	15 103
----- farms, 1982..	50 083	(D)	545	(D)	16 900	(D)	11 305	23 973
Hens and pullets of laying age inventory ----- farms, 1987..	26	8	10	8	3	9	21	5
----- farms, 1982..	32	3	15	11	14	10	27	13
number, 1987..	(D)	127	(D)	(D)	(D)	246	(D)	(D)
----- farms, 1982..	(D)	37	(D)	(D)	(D)	265	(D)	307
Broilers and other meat-type chickens sold ----- farms, 1987..	1	-	-	-	-	-	1	-
----- farms, 1982..	1	-	-	-	-	-	2	-
number, 1987..	(D)	-	-	-	-	-	(D)	-
----- farms, 1982..	(D)	-	-	(D)	-	-	(D)	-

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
<b>CROPS HARVESTED</b>								
Corn for grain or seed ----- farms, 1987 ..	105	7	51	2	1	13	9	3
1982 ..	58	-	31	2	-	13	2	-
acres, 1987 ..	12 406	2 008	6 291	(D)	(D)	(D)	703	345
1982 ..	10 967	-	5 737	(D)	-	(D)	(D)	-
bushels, 1987 ..	1 506 470	45 569	915 483	(D)	(D)	(D)	86 366	40 280
1982 ..	1 413 599	-	704 247	(D)	-	(D)	(D)	-
Wheat for grain ----- farms, 1987 ..	419	3	15	1	1	16	7	18
1982 ..	487	3	12	3	-	25	7	-
acres, 1987 ..	97 092	(D)	1 072	(D)	(D)	(D)	561	14 199
1982 ..	127 882	(D)	1 336	(D)	-	(D)	(D)	-
bushels, 1987 ..	7 977 629	(D)	62 809	(D)	(D)	(D)	41 460	697 873
1982 ..	11 444 935	(D)	95 922	(D)	-	(D)	(D)	-
Cotton ----- farms, 1987 ..	1 179	-	81	-	1	77	12	33
1982 ..	1 106	-	89	-	-	90	7	-
acres, 1987 ..	381 482	-	17 121	-	(D)	23 017	(D)	16 361
1982 ..	504 743	-	27 596	-	-	26 162	(D)	-
bales, 1987 ..	1 005 245	-	24 357	-	(D)	40 817	(D)	44 210
1982 ..	1 125 744	-	30 908	-	-	38 507	(D)	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987 ..	835	48	51	6	4	54	12	46
1982 ..	916	35	68	11	3	50	18	-
acres, 1987 ..	174 067	5 980	6 506	175	(D)	2 772	470	42 373
1982 ..	141 594	1 923	9 594	713	40	3 261	764	-
tons, dry, 1987 ..	1 020 095	20 558	29 698	(D)	873	14 386	2 505	293 482
1982 ..	845 668	4 860	46 824	2 695	128	15 697	3 703	-
Vegetables harvested for sale (see text) ----- farms, 1987 ..	283	3	48	5	2	7	4	14
1982 ..	207	2	44	5	1	3	3	-
acres, 1987 ..	98 065	(D)	2 685	339	(D)	(D)	(D)	12 401
1982 ..	66 127	(D)	3 559	74	(D)	(D)	64	-
Land in orchards ----- farms, 1987 ..	506	4	42	4	-	39	5	9
1982 ..	402	4	28	1	2	-	2	-
acres, 1987 ..	69 488	19	5 618	91	-	2 978	8	1 071
1982 ..	65 188	8	2 866	(D)	(D)	446	(D)	-
Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>CROPS HARVESTED</b>								
Corn for grain or seed ----- farms, 1987 ..	6	-	6	-	4	-	3	-
1982 ..	5	-	1	1	2	-	1	-
acres, 1987 ..	(D)	-	82	(D)	(D)	-	(D)	-
1982 ..	(D)	-	(D)	(D)	(D)	-	(D)	-
bushels, 1987 ..	(D)	-	4 361	-	(D)	-	(D)	-
1982 ..	(D)	-	(D)	(D)	(D)	-	(D)	-
Wheat for grain ----- farms, 1987 ..	106	3	1	15	136	1	1	95
1982 ..	130	3	4	20	134	1	4	141
acres, 1987 ..	29 122	373	(D)	2 017	(D)	(D)	(D)	(D)
1982 ..	37 815	(D)	115	6 521	(D)	(D)	242	47 885
bushels, 1987 ..	2 768 756	29 405	(D)	149 472	(D)	(D)	(D)	(D)
1982 ..	3 380 473	(D)	3 141	520 206	(D)	(D)	14 263	4 633 369
Cotton ----- farms, 1987 ..	417	7	-	36	406	1	-	108
1982 ..	389	7	-	44	277	-	-	203
acres, 1987 ..	(D)	3 594	-	(D)	127 623	(D)	-	34 849
1982 ..	204 057	(D)	-	16 215	123 870	-	-	101 901
bales, 1987 ..	(D)	9 852	-	(D)	354 595	(D)	-	97 177
1982 ..	488 221	(D)	-	31 835	289 084	-	-	236 961
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987 ..	246	19	34	19	79	12	42	163
1982 ..	292	27	33	28	89	8	54	200
acres, 1987 ..	45 820	5 571	1 500	1 685	14 261	(D)	2 412	42 690
1982 ..	45 671	5 437	3 103	2 131	9 875	1 133	4 197	53 752
tons, dry, 1987 ..	247 070	37 073	4 517	7 717	63 244	(D)	5 894	287 981
1982 ..	267 220	32 909	8 174	11 555	50 544	5 360	11 063	384 936
Vegetables harvested for sale (see text) ----- farms, 1987 ..	63	2	15	9	33	1	10	67
1982 ..	67	2	1	10	18	2	5	44
acres, 1987 ..	22 677	(D)	(D)	(D)	(D)	(D)	160	(D)
1982 ..	25 286	(D)	(D)	1 072	4 044	(D)	97	31 274
Land in orchards ----- farms, 1987 ..	158	9	4	8	44	4	18	158
1982 ..	142	6	6	8	34	3	7	145
acres, 1987 ..	15 191	134	12	(D)	9 766	(D)	83	29 992
1982 ..	21 652	(D)	15	(D)	6 870	23	22	28 604

<sup>1</sup>Data are based on a sample of farms<sup>2</sup>Data for 1982 include self-propelled only

Table 17. Milk Goats—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					
			Milk goats		Goat milk		Farms	Total sales (\$1,000)
	Farms	Number	Farms	Number	Farms	Gallons		
STATE TOTAL								
Arizona ..... 1987 ..	178	2 974	74	1 533	35	67 290	88	179
1982 ..	296	2 561	107	1 074	31	44 018	(NA)	205
COUNTIES, 1987								
Cochise .....	15	243	6	154	6	(D)	7	14
Coconino .....	9	58	6	52	2	(D)	6	2
Graham .....	5	(D)	3	(D)	-	-	3	(Z)
Maricopa .....	63	1 547	34	969	12	36 369	37	110
Mohave .....	12	147	5	137	2	(D)	7	8
Navajo .....	6	45	-	-	-	-	-	-
Pima .....	22	287	8	131	4	197	10	5
Pinal .....	8	(D)	1	(D)	1	(D)	2	(D)
Santa Cruz .....	3	(D)	1	(D)	-	-	1	(D)
Yavapai .....	25	521	8	29	6	(D)	12	(D)
Yuma .....	6	50	1	(D)	2	(D)	2	(D)
All other counties .....	4	7	1	(D)	-	-	1	(D)

Table 18. Angora Goats—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					
			Angora goats		Mohair		Farms	Total sales (\$1,000)
	Farms	Number	Farms	Number	Farms	Pounds		
STATE TOTAL								
Arizona ----- 1987 ..	80	109 529	36	23 054	75	565 764	79	2 225
1982 ..	58	94 735	24	19 618	54	416 568	(NA)	1 287
COUNTIES, 1987								
Apache -----	18	30 233	9	(D)	18	173 755	19	553
Coconino -----	25	33 491	8	(D)	26	(D)	26	(D)
Maricopa -----	5	7	3	7	-	-	3	(Z)
Navajo -----	26	44 642	14	9 275	26	234 457	26	956
All other counties -----	6	1 156	2	(D)	5	(D)	5	(D)

Table 19. Mink and Their Pelts—Inventory and Sales: 1987 and 1982

[Not published for this State]

Table 20. Colonies of Bees and Honey—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					
			Colonies of bees		Honey		Farms	Total sales (\$1,000)
	Farms	Number	Farms	Number	Farms	Pounds		
STATE TOTAL								
Anzona ..... 1987 ..	270	55 189	12	4 246	158	3 363 396	159	1 832
1982 ..	330	49 877	20	1 354	141	3 182 387	(NA)	1 725
COUNTIES, 1987								
Apache .....	4	11	-	-	2	(D)	2	(D)
Cochise .....	41	2 565	2	(D)	17	147 709	17	96
Coconino .....	8	56	-	-	4	(D)	4	(D)
Gila .....	7	111	-	-	3	(D)	3	(D)
Graham .....	14	(D)	-	-	8	(D)	8	(D)
Maricopa .....	72	13 015	3	128	43	915 596	44	582
Mohave .....	7	37	-	-	2	(D)	2	(D)
Navajo .....	7	(D)	1	(D)	3	(D)	3	(D)
Pima .....	36	4 017	6	3 916	29	240 084	29	177
Pinal .....	20	4 176	-	-	13	223 941	13	130
Santa Cruz .....	5	406	-	-	4	21 500	4	(D)
Yavapai .....	28	2 379	-	-	13	121 470	13	98
Yuma .....	16	22 379	-	-	14	1 233 717	14	443
All other counties .....	5	1 012	-	-	3	49 533	3	30

Table 21. **Fish Sales: 1987 and 1982**

[Not published for this State]

Table 22. **Miscellaneous Poultry—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales	
	Farms	Number	Farms	Number
<b>DUCKS</b>				
<b>State Total</b>				
Arizona .....	1987 ..	113	19	544
.....	1982 ..	229	41	1 606
<b>Counties, 1987</b>				
Apache .....	4	22	-	-
Cochise .....	13	187	5	304
Coconino .....	4	38	-	-
Marcopa .....	36	379	3	80
Navajo .....	3	(D)	1	(D)
Pima .....	19	231	4	(D)
Pinal .....	11	163	3	(D)
Santa Cruz .....	7	62	-	-
Yavapai .....	7	60	2	(D)
Yuma .....	4	38	-	-
All other counties .....	5	(D)	1	(D)
<b>OTHER POULTRY</b>				
<b>State Total</b>				
Arizona .....	1987 ..	44	5	202
.....	1982 ..	48	11	1 268
<b>Counties, 1987</b>				
Cochise .....	8	39	-	-
Marcopa .....	16	803	5	202
Mohave .....	3	38	-	-
Pima .....	5	38	-	-
All other counties .....	12	295	-	-

Table 23. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales (\$1,000)
<b>MULES, BURROS, AND DONKEYS</b>					
<b>State Total</b>					
Arizona .....	1987 ..	256	24	128	28
.....	1982 ..	103	21	59	29
<b>Counties, 1987</b>					
Apache .....	9	19	-	-	-
Cochise .....	24	89	2	(D)	(D)
Coconino .....	12	69	1	(D)	(D)
Gila .....	14	34	1	(D)	(D)
Graham .....	9	18	-	-	-
Greenlee .....	11	18	-	-	-
Marcopa .....	60	193	9	67	14
Mohave .....	10	50	3	(D)	(D)
Navajo .....	7	73	-	-	-
Pima .....	30	173	-	-	-
Pinal .....	21	58	2	(D)	(D)
Santa Cruz .....	15	27	-	-	-
Yavapai .....	28	69	6	6	3
Yuma .....	6	36	-	-	-



**Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales (\$1,000)
<b>GOATS, TOTAL</b>					
<b>State Total</b>					
Arizona ----- 1987 .....	371	116 899	159	26 363	(NA)
----- 1982 .....	421	98 687	158	22 398	(NA)
<b>Counties, 1987</b>					
Apache .....	23	30 314	11	7 235	(NA)
Cochise .....	19	317	10	185	(NA)
Coconino .....	47	34 645	15	(D)	(NA)
Gila .....	3	(D)	2	(D)	(NA)
Graham .....	8	33	3	21	(NA)
Maricopa .....	101	1 902	48	1 417	(NA)
Mohave .....	15	854	9	229	(NA)
Navajo .....	48	46 444	24	9 609	(NA)
Pima .....	38	411	12	187	(NA)
Pinal .....	19	68	10	49	(NA)
Santa Cruz .....	7	87	1	(D)	(NA)
Yavapai .....	29	1 076	11	44	(NA)
Yuma .....	9	102	1	(D)	(NA)
All other counties .....	5	(D)	2	(D)	(NA)

**Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>CORN FOR GRAIN OR SEED (BUSHEL)</b>										
<b>State Total</b>										
Arizona -----	166	12 794	1 530 568	132	10 706	149	13 414	1 498 482	114	13 077
<b>Counties</b>										
Apache .....	25	2 114	49 287	14	306	34	2 226	74 727	24	2 002
Cochise .....	55	6 330	921 232	55	6 330	35	5 758	705 872	35	5 758
Coconino .....	16	272	16 007	7	200	21	122	7 145	8	41
Graham .....	14	1 809	293 531	14	1 809	15	4 165	584 372	15	4 165
Greenlee .....	15	757	90 336	15	757	6	(D)	(D)	4	(D)
La Paz .....	3	345	40 280	3	345	(NA)	(NA)	(NA)	(NA)	(NA)
Maricopa .....	7	413	40 362	6	400	6	672	90 907	6	672
Navajo .....	19	127	5 943	6	22	21	135	7 141	11	110
Pinal .....	5	406	46 006	5	316	4	(D)	(D)	4	(D)
Yavapai .....	4	91	11 706	4	91	4	11	336	4	11
All other counties .....	3	130	15 878	3	130	(NA)	(NA)	(NA)	(NA)	(NA)
<b>SORGHUM FOR GRAIN OR SEED (BUSHEL)</b>										
<b>State Total</b>										
Arizona -----	39	3 242	249 319	39	3 242	125	11 570	833 036	125	11 570
<b>Counties</b>										
Cochise .....	6	288	22 289	6	288	26	1 965	139 741	26	1 965
Graham .....	9	835	76 710	9	835	23	1 979	176 860	23	1 979
Maricopa .....	5	581	34 076	5	581	20	2 286	143 716	20	2 286
Pima .....	5	513	37 578	5	513	13	1 718	134 305	13	1 718
Pinal .....	7	478	33 216	7	478	22	1 768	124 139	22	1 768
Yuma .....	3	(D)	(D)	3	(D)	5	796	43 602	5	796
All other counties .....	4	(D)	(D)	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 24. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>WHEAT FOR GRAIN (BUSHELS)</b>										
<b>State Total</b>										
Arizona .....	443	97 407	7 991 708	433	96 947	539	133 681	11 891 456	539	133 681
<b>Counties</b>										
Apache .....	4	(D)	44 676	1	(D)	5	149	6 325	5	149
Cochise .....	18	1 122	65 089	18	1 122	18	1 563	102 406	18	1 563
Graham .....	17	1 544	127 962	17	1 544	26	2 737	226 477	26	2 737
Greenlee .....	7	561	41 460	7	561	9	668	57 473	9	668
La Paz .....	18	14 199	697 873	18	14 199	(NA)	(NA)	(NA)	(NA)	(NA)
Marcopá .....	110	29 163	2 771 453	108	29 096	135	38 010	3 396 796	135	38 010
Mohave .....	3	373	29 405	3	373	4	729	(D)	4	729
Navajo .....	5	124	1 649	2	(D)	13	413	9 538	13	413
Pima .....	22	2 034	150 142	21	2 032	23	6 884	544 738	23	6 884
Pinal .....	137	19 332	1 408 286	136	19 252	136	32 841	2 748 584	136	32 841
Yuma .....	97	28 024	2 629 648	97	28 024	156	49 184	4 724 109	156	49 184
All other counties .....	5	(D)	24 065	5	314	(NA)	(NA)	(NA)	(NA)	(NA)
<b>BARLEY FOR GRAIN (BUSHELS)</b>										
<b>State Total</b>										
Arizona .....	168	14 654	1 365 067	168	14 654	290	35 502	3 328 880	290	35 502
<b>Counties</b>										
Graham .....	19	1 190	123 150	19	1 190	33	2 362	217 077	33	2 362
Greenlee .....	5	116	9 166	5	116	4	(D)	(D)	4	(D)
Marcopá .....	57	4 406	466 318	57	4 406	109	13 509	1 385 731	109	13 509
Pima .....	5	162	15 289	5	162	6	514	45 261	6	514
Pinal .....	56	5 713	501 802	56	5 713	89	14 160	1 256 721	89	14 160
Yuma .....	20	2 798	235 274	20	2 798	24	3 393	327 655	24	3 393
All other counties .....	6	269	14 068	6	269	(NA)	(NA)	(NA)	(NA)	(NA)
<b>OATS FOR GRAIN (BUSHELS)</b>										
<b>State Total</b>										
Arizona .....	39	2 390	165 428	37	2 182	55	5 068	492 420	50	4 996
<b>Counties</b>										
Apache .....	4	(D)	(D)	2	(D)	5	24	1 578	3	(D)
Cochise .....	13	855	62 960	13	855	17	3 171	292 578	17	3 171
Graham .....	5	181	20 875	5	181	10	1 300	150 751	10	1 300
Marcopá .....	6	666	46 860	6	666	(NA)	(NA)	(NA)	(NA)	(NA)
Mohave .....	3	(D)	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties .....	8	214	20 984	8	214	(NA)	(NA)	(NA)	(NA)	(NA)

Table 25. **Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>COTTON (BALES)</b>										
<b>State Total</b>										
Arizona .....	1 199	381 733	1 005 493	1 199	381 733	1 177	518 488	1 155 883	1 177	518 488
<b>Counties</b>										
Cochise .....	87	17 206	24 424	87	17 206	95	27 708	31 002	95	27 708
Graham .....	85	23 163	40 948	85	23 163	97	26 231	38 603	97	26 231
Greenlee .....	12	(D)	(D)	12	(D)	8	901	1 364	8	901
La Paz .....	33	16 361	44 210	33	16 361	(NA)	(NA)	(NA)	(NA)	(NA)
Marcopá .....	419	144 219	402 753	419	144 219	420	204 531	489 117	420	204 531
Pima .....	37	13 406	29 531	37	13 406	51	17 415	33 746	51	17 415
Pinal .....	409	127 639	354 634	409	127 639	289	131 506	307 897	289	131 506
Yuma .....	108	34 849	97 177	108	34 849	210	106 138	245 265	210	106 138
All other counties .....	9	(D)	(D)	9	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

**Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>IRISH POTATOES (CWT)</b>										
<b>State Total</b>										
Arizona .....	28	3 618	927 389	28	3 618	27	3 799	1 208 966	27	3 799
<b>Counties</b>										
Marcopa .....	9	2 696	658 211	9	2 696	14	3 513	1 118 219	14	3 513
Navajo .....	8	15	2 670	8	15	6	(D)	(D)	6	(D)
Pinal .....	5	715	209 500	5	715	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties .....	6	192	57 008	6	192	(NA)	(NA)	(NA)	(NA)	(NA)
<b>PEANUTS FOR NUTS (POUNDS)</b>										
<b>State Total</b>										
Arizona .....	7	641	1 621 000	7	641	8	575	1 324 433	8	575

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>ALFALFA SEED (POUNDS)</b>										
<b>State Total</b>										
Arizona .....	9	1 685	375 736	9	1 685	16	1 358	315 603	16	1 358
<b>BERMUDA GRASS SEED (POUNDS)</b>										
<b>State Total</b>										
Arizona .....	42	6 397	2 526 728	42	6 397	39	5 881	2 781 335	39	5 881
<b>Counties</b>										
Yuma .....	35	5 291	2 281 673	35	5 291	37	(D)	(D)	37	(D)
All other counties .....	7	1 106	245 055	7	1 106	(NA)	(NA)	(NA)	(NA)	(NA)
<b>OTHER SEEDS (POUNDS)</b>										
<b>State Total</b>										
Arizona .....	5	445	(D)	5	445	6	747	(D)	6	747
<b>HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)</b>										
<b>State Total</b>										
Arizona .....	1 402	181 319	1 040 321	1 373	178 577	1 642	161 540	913 269	1 622	158 723
<b>Counties</b>										
Apache .....	122	7 128	22 784	119	6 613	96	6 461	18 068	93	5 287
Cochise .....	89	7 044	30 972	89	7 044	138	11 571	51 399	136	11 516
Coconino .....	23	295	623	21	284	19	798	2 882	16	667
Gila .....	11	220	1 033	10	214	13	141	313	13	141
Graham .....	88	3 015	15 197	88	3 015	72	3 672	17 206	72	3 644
Greenlee .....	25	606	2 829	25	606	46	1 183	5 093	46	1 183
La Paz .....	56	42 630	293 897	56	42 630	(NA)	(NA)	(NA)	(NA)	(NA)
Maricopa .....	396	48 023	253 544	391	47 239	526	48 782	278 098	521	48 222
Mohave .....	35	5 779	37 713	35	5 779	43	5 723	33 603	42	5 703
Navajo .....	79	2 098	5 758	71	1 917	85	4 391	10 271	83	4 347
Pima .....	28	1 772	7 904	28	1 772	49	2 683	13 972	48	2 658
Pinal .....	105	14 588	64 473	104	14 584	135	11 627	57 893	135	11 627
Santa Cruz .....	14	1 754	4 952	14	1 754	12	1 272	5 580	12	1 272
Yavapai .....	96	2 891	7 203	91	2 286	116	5 254	13 264	113	4 474
Yuma .....	235	43 476	291 439	231	42 840	292	57 982	405 627	292	57 982

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>ALFALFA HAY (TONS, DRY)</b>										
<b>State Total</b>										
Arizona .....	1 148	136 959	909 135	1 148	136 959	1 371	133 986	838 858	1 371	133 986
<b>Counties</b>										
Apache .....	103	4 827	17 205	103	4 827	78	4 053	12 860	78	4 053
Cochise .....	59	5 551	25 938	59	5 551	114	9 633	45 297	114	9 633
Coconino .....	20	(D)	(D)	20	(D)	12	575	2 330	12	575
Gila .....	9	(D)	(D)	9	(D)	8	76	231	8	76
Graham .....	78	2 822	14 886	78	2 822	65	3 016	15 114	65	3 016
Greenlee .....	17	391	2 437	17	391	38	989	4 559	38	989
La Paz .....	52	37 619	273 931	52	37 619	(NA)	(NA)	(NA)	(NA)	(NA)
Maricopa .....	318	32 110	202 940	318	32 110	428	37 232	242 316	428	37 232
Mohave .....	33	5 501	37 158	33	5 501	35	5 226	32 503	35	5 226
Navajo .....	61	1 507	4 613	61	1 507	75	3 319	8 038	75	3 319
Pima .....	17	1 446	6 837	17	1 446	39	2 313	12 924	39	2 313
Pinal .....	85	8 794	57 055	85	8 794	116	10 284	54 643	116	10 284
Santa Cruz .....	11	1 387	4 357	11	1 387	12	1 182	5 479	12	1 182
Yavapai .....	68	1 325	3 893	68	1 325	75	1 921	7 284	75	1 921
Yuma .....	217	33 189	256 260	217	33 189	276	54 167	395 280	276	54 167
<b>SMALL GRAIN HAY (TONS, DRY)</b>										
<b>State Total</b>										
Arizona .....	153	5 923	13 985	141	5 347	237	9 170	20 508	217	7 448
<b>Counties</b>										
Apache .....	19	544	1 864	18	490	25	1 561	3 467	20	501
Cochise .....	23	573	1 341	23	573	22	658	1 347	22	658
Graham .....	6	61	105	6	61	8	127	200	5	99
Greenlee .....	8	(D)	(D)	8	(D)	7	97	313	7	97
Maricopa .....	37	1 826	4 633	36	1 426	60	2 862	7 518	58	2 457
Mohave .....	4	(D)	(D)	4	(D)	11	388	929	10	368
Navajo .....	13	(D)	259	8	(D)	18	501	1 277	17	497
Pima .....	8	98	158	8	98	4	90	195	4	90
Pinal .....	11	1 541	3 287	10	1 537	22	834	1 827	22	834
Santa Cruz .....	4	300	479	4	300	(NA)	(NA)	(NA)	(NA)	(NA)
Yavapai .....	15	282	609	14	262	32	959	1 716	28	879
All other counties .....	5	342	710	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)</b>										
<b>State Total</b>										
Arizona .....	190	21 191	64 179	170	19 582	190	8 058	21 476	185	7 263
<b>Counties</b>										
Apache .....	28	1 309	2 365	23	931	22	618	1 436	20	508
Cochise .....	17	634	2 275	17	634	17	654	1 843	17	654
Graham .....	10	75	150	10	75	8	239	840	8	239
La Paz .....	7	(D)	(D)	7	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Maricopa .....	38	1 510	3 089	31	(D)	45	809	(D)	44	789
Mohave .....	4	(D)	(D)	4	(D)	7	(D)	(D)	7	(D)
Navajo .....	11	222	500	8	150	5	111	(D)	4	71
Pima .....	5	103	284	5	103	8	112	303	7	87
Pinal .....	11	(D)	(D)	11	(D)	8	339	(D)	8	339
Yavapai .....	23	1 014	2 430	19	649	31	2 100	3 766	31	1 500
Yuma .....	30	9 626	33 619	29	9 036	28	2 825	8 786	28	2 825
All other counties .....	6	117	149	6	117	(NA)	(NA)	(NA)	(NA)	(NA)
<b>GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)</b>										
<b>State Total</b>										
Arizona .....	88	15 943	155 657	88	15 943	120	9 712	95 315	120	9 712
<b>Counties</b>										
Cochise .....	3	(D)	(D)	3	(D)	5	(D)	(D)	5	(D)
Maricopa .....	59	12 092	127 580	59	12 092	78	7 744	75 211	78	7 744
Navajo .....	6	191	(D)	6	191	3	460	(D)	3	460
Pinal .....	8	1 473	5 490	8	(D)	5	(D)	2 232	5	(D)
Yuma .....	3	290	2 480	3	(D)	8	154	726	8	154
All other counties .....	9	(D)	14 807	9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)</b>										
<b>State Total</b>										
Anzona .....	121	8 781	190 335	121	8 781	135	8 653	205 389	135	8 653
<b>Counties</b>										
Apache .....	4	41	554	4	41	6	136	596	6	136
Cochise .....	11	539	11 583	11	539	7	697	11 846	7	697
Coconino .....	3	(D)	(D)	3	(D)	6	33	129	6	33
Graham .....	5	740	7 640	5	740	(NA)	(NA)	(NA)	(NA)	(NA)
Greenlee .....	4	(D)	(D)	4	(D)	3	240	4 880	3	240
Mancopa .....	53	5 110	120 393	53	5 110	71	6 077	159 534	71	6 077
Navajo .....	20	851	12 055	20	851	24	585	9 932	24	585
Pima .....	5	127	3 331	5	127	(NA)	(NA)	(NA)	(NA)	(NA)
Pinal .....	12	705	17 361	12	705	4	329	8 068	4	329
All other counties .....	4	466	12 524	4	466	(NA)	(NA)	(NA)	(NA)	(NA)
<b>SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)</b>										
<b>State Total</b>										
Anzona .....	10	776	11 496	10	776	67	4 755	85 756	67	4 755
<b>Counties</b>										
Mancopa .....	5	426	8 994	5	426	45	3 803	71 963	45	3 803
All other counties .....	5	350	2 502	5	350	(NA)	(NA)	(NA)	(NA)	(NA)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>LAND USED FOR VEGETABLES (SEE TEXT)</b>								
<b>State Total</b>								
Anzona .....	328	94 832	328	94 832	339	63 226	339	63 225
<b>Counties</b>								
Apache .....	6	(D)	6	(D)	24	675	24	675
Cochise .....	55	2 579	55	2 579	60	3 292	60	3 292
Coconino .....	5	339	5	339	10	676	10	676
Gila .....	5	21	5	21	5	24	5	24
Graham .....	9	89	9	89	12	62	12	62
Greenlee .....	5	43	5	43	8	138	8	138
La Paz .....	14	12 401	14	12 401	(NA)	(NA)	(NA)	(NA)
Mancopa .....	67	21 846	67	21 846	82	22 073	82	22 073
Mohave .....	5	(D)	5	(D)	8	(D)	8	(D)
Navajo .....	25	1 372	25	1 372	20	1 438	20	1 437
Pima .....	11	2 317	11	2 317	17	1 102	17	1 102
Pinal .....	34	5 564	34	5 564	27	4 212	27	4 212
Santa Cruz .....	3	(D)	3	(D)	3	(D)	3	(D)
Yavapai .....	16	170	16	170	15	124	15	124
Yuma .....	68	47 546	68	47 546	48	28 770	48	28 770

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>VEGETABLES HARVESTED (SEE TEXT)</b>								
<b>State Total</b>								
Arizona .....	328	98 138	328	98 138	339	69 864	339	69 864
<b>Counties</b>								
Apache .....	6	(D)	6	(D)	24	675	24	675
Cochise .....	55	2 690	55	2 690	60	3 663	60	3 663
Coconino .....	5	339	5	339	10	678	10	678
Gila .....	5	20	5	20	5	24	5	24
Graham .....	9	90	9	90	12	61	12	61
Greenlee .....	5	43	5	43	8	137	8	137
La Paz .....	14	12 401	14	12 401	(NA)	(NA)	(NA)	(NA)
Maricopa .....	67	22 683	67	22 683	82	25 338	82	25 338
Mohave .....	5	(D)	5	(D)	8	(D)	8	(D)
Navajo .....	25	1 372	25	1 372	20	1 437	20	1 437
Pima .....	11	2 376	11	2 376	17	1 103	17	1 103
Pinal .....	34	5 613	34	5 613	27	4 212	27	4 212
Santa Cruz .....	3	(D)	3	(D)	3	(D)	3	(D)
Yavapai .....	16	169	16	169	15	125	15	125
Yuma .....	68	49 796	68	49 796	48	31 770	48	31 770
<b>ASPARAGUS</b>								
<b>State Total</b>								
Arizona .....	23	1 911	23	1 911	9	17	9	17
<b>Counties</b>								
Yuma .....	14	1 775	14	1 775	(NA)	(NA)	(NA)	(NA)
All other counties .....	9	136	9	136	(NA)	(NA)	(NA)	(NA)
<b>BEEETS</b>								
<b>State Total</b>								
Arizona .....	3	45	3	45	10	297	10	297
<b>Counties</b>								
Maricopa .....	3	45	3	45	5	84	5	84
<b>BROCCOLI</b>								
<b>State Total</b>								
Arizona .....	21	3 323	21	3 323	16	1 430	16	1 430
<b>Counties</b>								
Maricopa .....	7	952	7	952	11	1 295	11	1 295
Yuma .....	8	1 198	8	1 198	(NA)	(NA)	(NA)	(NA)
All other counties .....	6	1 173	6	1 173	(NA)	(NA)	(NA)	(NA)
<b>CHINESE CABBAGE</b>								
<b>State Total</b>								
Arizona .....	6	138	6	138	11	125	11	125
<b>HEAD CABBAGE</b>								
<b>State Total</b>								
Arizona .....	20	748	20	748	24	794	24	794
<b>Counties</b>								
Maricopa .....	12	584	12	584	15	656	15	656
Yuma .....	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
All other counties .....	5	(D)	5	(D)	(NA)	(NA)	(NA)	(NA)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>CANTALOUPS</b>								
<b>State Total</b>								
Arizona .....	60	12 436	60	12 436	80	7 103	80	7 103
<b>Counties</b>								
Cochise .....	6	31	6	31	7	52	7	52
Graham .....	3	2	3	2	6	6	6	6
La Paz .....	7	5 565	7	5 565	(NA)	(NA)	(NA)	(NA)
Maricopa .....	19	5 345	19	5 345	29	3 463	29	3 463
Navajo .....	4	(D)	4	(D)	5	(D)	5	(D)
Pinal .....	9	858	9	858	(NA)	(NA)	(NA)	(NA)
Yuma .....	4	(D)	4	(D)	9	3 115	9	3 115
All other counties .....	8	39	8	39	(NA)	(NA)	(NA)	(NA)
<b>CARROTS</b>								
<b>State Total</b>								
Arizona .....	11	2 119	11	2 119	22	2 625	22	2 625
<b>Counties</b>								
Maricopa .....	6	2 079	6	2 079	10	2 369	10	2 369
All other counties .....	5	40	5	40	(NA)	(NA)	(NA)	(NA)
<b>CAULIFLOWER</b>								
<b>State Total</b>								
Arizona .....	27	6 210	27	6 210	20	3 639	20	3 639
<b>Counties</b>								
Yuma .....	20	5 531	20	5 531	6	2 824	6	2 824
All other counties .....	7	678	7	678	(NA)	(NA)	(NA)	(NA)
<b>COLLARDS</b>								
<b>State Total</b>								
Arizona .....	12	1 307	12	1 307	15	596	15	596
<b>CUCUMBERS AND PICKLES</b>								
<b>State Total</b>								
Arizona .....	16	97	16	97	22	71	22	71
<b>Counties</b>								
Cochise .....	5	(D)	5	(D)	5	(D)	5	(D)
Maricopa .....	4	86	4	86	6	(D)	6	(D)
All other counties .....	7	(D)	7	(D)	(NA)	(NA)	(NA)	(NA)
<b>HONEYDEW MELONS</b>								
<b>State Total</b>								
Arizona .....	25	2 708	25	2 708	30	4 013	30	4 013
<b>Counties</b>								
La Paz .....	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Maricopa .....	8	1 078	8	1 078	9	(D)	9	(D)
Pinal .....	8	322	8	322	3	(D)	3	(D)
All other counties .....	6	(D)	6	(D)	(NA)	(NA)	(NA)	(NA)
<b>KALE</b>								
<b>State Total</b>								
Arizona .....	6	109	6	109	3	57	3	57
<b>Counties</b>								
Maricopa .....	6	109	6	109	3	57	3	57

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>LETTUCE AND ROMAINE</b>								
<b>State Total</b>								
Arizona .....	107	53 231	107	53 231	81	31 880	81	31 880
<b>Counties</b>								
Cochise .....	17	1 525	17	1 525	10	1 399	10	1 399
La Paz .....	4	4 112	4	4 112	(NA)	(NA)	(NA)	(NA)
Marcopa .....	22	5 131	22	5 131	26	6 590	26	6 590
Pima .....	5	2 188	5	2 188	3	940	3	940
Pinal .....	10	707	10	707	6	(D)	6	(D)
Yuma .....	45	39 524	45	39 524	32	21 265	32	21 265
All other counties .....	4	43	4	43	(NA)	(NA)	(NA)	(NA)
<b>MUSTARD GREENS</b>								
<b>State Total</b>								
Arizona .....	8	307	8	307	20	1 169	20	1 169
<b>Counties</b>								
Marcopa .....	8	307	8	307	16	849	16	849
<b>DRY ONIONS</b>								
<b>State Total</b>								
Arizona .....	19	1 022	19	1 022	29	1 462	29	1 462
<b>Counties</b>								
Cochise .....	3	75	3	75	7	134	7	134
Marcopa .....	9	867	9	867	12	1 221	12	1 221
All other counties .....	7	80	7	80	(NA)	(NA)	(NA)	(NA)
<b>GREEN ONIONS</b>								
<b>State Total</b>								
Arizona .....	7	826	7	826	25	3 091	25	3 091
<b>OKRA</b>								
<b>State Total</b>								
Arizona .....	5	201	5	201	18	209	18	209
<b>PARSLEY</b>								
<b>State Total</b>								
Arizona .....	8	109	8	109	10	125	10	125
<b>HOT PEPPERS</b>								
<b>State Total</b>								
Arizona .....	20	357	20	357	44	1 051	44	1 051
<b>Counties</b>								
Cochise .....	11	343	11	343	23	993	23	993
Graham .....	3	2	3	2	(NA)	(NA)	(NA)	(NA)
All other counties .....	6	12	6	12	(NA)	(NA)	(NA)	(NA)
<b>PUMPKINS</b>								
<b>State Total</b>								
Arizona .....	23	311	23	311	31	278	31	278
<b>Counties</b>								
Cochise .....	13	228	13	228	14	176	14	176
Yavapai .....	5	(D)	5	(D)	5	(D)	5	(D)
All other counties .....	5	(D)	5	(D)	(NA)	(NA)	(NA)	(NA)



Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>SPINACH</b>								
<b>State Total</b>								
Arizona .....	10	192	10	192	12	341	12	341
<b>Counties</b>								
Marcopa .....	7	183	7	183	12	341	12	341
All other counties .....	3	9	3	9	(NA)	(NA)	(NA)	(NA)
<b>SQUASH</b>								
<b>State Total</b>								
Arizona .....	38	812	36	812	62	586	62	586
<b>Counties</b>								
Cochise .....	10	90	10	90	10	65	10	65
Coconino .....	5	117	5	117	9	268	9	268
Marcopa .....	6	68	6	68	14	54	14	54
Navajo .....	5	(D)	5	(D)	6	104	6	104
Yavapai .....	4	43	4	43	5	18	5	18
All other counties .....	6	(D)	6	(D)	(NA)	(NA)	(NA)	(NA)
<b>SWEET CORN</b>								
<b>State Total</b>								
Arizona .....	60	1 198	60	1 198	77	1 490	77	1 490
<b>Counties</b>								
Apache .....	3	(D)	3	(D)	16	451	16	451
Cochise .....	8	89	8	89	9	168	9	168
Gila .....	4	15	4	15	3	23	3	23
Graham .....	5	9	5	9	(NA)	(NA)	(NA)	(NA)
Greenlee .....	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Marcopa .....	5	290	5	290	7	76	7	76
Navajo .....	17	124	17	124	12	(D)	12	(D)
Pinal .....	3	(D)	3	(D)	4	5	4	5
Yavapai .....	7	68	7	68	8	58	8	58
All other counties .....	5	135	5	135	(NA)	(NA)	(NA)	(NA)
<b>TURNIPS</b>								
<b>State Total</b>								
Arizona .....	7	348	7	348	18	345	18	345
<b>TURNIP GREENS</b>								
<b>State Total</b>								
Arizona .....	6	514	6	514	11	526	11	526
<b>WATERMELONS</b>								
<b>State Total</b>								
Arizona .....	89	6 016	89	6 016	112	4 727	112	4 727
<b>Counties</b>								
Apache .....	3	38	3	38	6	41	6	41
Cochise .....	11	129	11	129	15	147	15	147
Coconino .....	3	(D)	3	(D)	4	342	4	342
Graham .....	4	18	4	18	6	28	6	28
La Paz .....	4	(D)	4	(D)	(NA)	(NA)	(NA)	(NA)
Marcopa .....	27	2 218	27	2 218	35	1 798	35	1 798
Navajo .....	8	(D)	8	(D)	5	101	5	101
Pinal .....	19	1 661	19	1 661	19	1 208	19	1 208
Yuma .....	3	(D)	3	(D)	5	968	5	968
All other counties .....	7	50	7	50	(NA)	(NA)	(NA)	(NA)

Table 28. **Fruits and Nuts: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
<b>LAND IN ORCHARDS</b>									
<b>State Total</b>									
Arizona ----- 1987 ..	1 141	74 921	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1982 ..	1 199	74 568	(X)	(X)	(X)	(X)	(X)	(X)	(X)
<b>Counties, 1987</b>									
Apache -----	10	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Cochise -----	131	6 615	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Coconino -----	7	94	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Gila -----	20	71	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Graham -----	75	3 792	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Greenlee -----	11	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
La Paz -----	18	1 172	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Maricopa -----	365	16 326	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Mohave -----	31	318	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Navajo -----	16	46	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Pima -----	43	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Pinal -----	81	10 089	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Santa Cruz -----	16	222	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Yavapai -----	61	263	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Yuma -----	256	31 118	(X)	(X)	(X)	(X)	(X)	(X)	(X)
<b>APPLES</b>									
<b>State Total</b>									
Arizona ----- 1987 ..	224	4 881	985 133	92	131 600	189	853 533	142	25 517 675
1982 ..	214	1 969	286 044	152	167 433	155	118 611	91	4 702 942
<b>Counties, 1987</b>									
Apache -----	9	21	2 604	4	(D)	8	(D)	6	8 780
Cochise -----	58	1 197	256 449	33	19 271	45	237 178	39	4 548 418
Coconino -----	6	41	3 280	3	(D)	3	(D)	2	(D)
Gila -----	14	29	2 657	4	530	11	2 127	8	69 560
Graham -----	55	3 342	690 777	13	106 310	50	584 467	42	19 832 393
Greenlee -----	9	17	2 493	1	(D)	9	(D)	6	28 283
Maricopa -----	4	1	16	1	(D)	4	(D)	1	(D)
Mohave -----	9	(D)	5 185	3	(D)	7	(D)	3	(D)
Navajo -----	13	17	1 223	7	483	11	740	9	96 718
Pinal -----	6	25	(D)	2	(D)	5	(D)	4	(D)
Santa Cruz -----	4	(D)	(D)	4	(D)	2	(D)	2	(D)
Yavapai -----	33	76	8 492	13	1 197	31	7 295	18	(D)
All other counties -----	4	8	1 201	4	833	3	368	2	178
<b>DATES</b>									
<b>State Total</b>									
Arizona ----- 1987 ..	7	83	3 043	4	(D)	6	(D)	5	365 350
1982 ..	7	17	769	5	75	7	694	5	(D)
<b>GRAPES (SEE TEXT) (FRESH WEIGHT)</b>									
<b>State Total</b>									
Arizona ----- 1987 ..	90	8 462	4 221 084	45	444 046	81	3 777 038	62	66 818 362
1982 ..	105	3 690	1 632 368	46	83 198	84	1 549 170	58	26 894 554
<b>Counties, 1987</b>									
Cochise -----	12	104	40 386	8	3 878	10	36 508	8	307 650
Maricopa -----	22	3 942	2 060 392	9	353 932	22	1 706 460	16	35 913 532
Mohave -----	5	3	1 284	3	(D)	5	(D)	4	1 756
Navajo -----	3	2	598	3	(D)	3	(D)	2	(D)
Pima -----	4	12	5 450	1	(D)	4	(D)	4	25 830
Pinal -----	12	1 185	534 357	2	(D)	12	(D)	10	6 601 820
Santa Cruz -----	11	195	97 756	9	66 558	7	31 198	5	148 872
Yavapai -----	12	7	2 855	8	620	11	2 235	6	4 864
Yuma -----	4	3 003	1 472 461	-	-	4	1 472 461	4	23 812 820
All other counties -----	5	11	5 545	2	3 880	3	1 665	3	(D)

Table 28. **Fruits and Nuts: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
<b>PEACHES</b>									
<b>State Total</b>									
Arizona-----1987--	126	889	113 518	41	(D)	111	(D)	65	1 978 441
1982--	183	861	86 184	83	8 673	151	77 511	108	2 920 286
<b>Counties, 1987</b>									
Cochise-----	21	(D)	(D)	8	(D)	19	3 208	7	(D)
Cocconino-----	3	(D)	(D)	1	(D)	2	(D)	2	(D)
Gila-----	4	1	71	-	-	4	71	2	(D)
Graham-----	12	(D)	(D)	3	(D)	9	(D)	3	(D)
Maricopa-----	24	110	10 730	5	274	23	10 456	12	609 513
Mohave-----	7	(D)	(D)	2	(D)	6	(D)	4	(D)
Navajo-----	7	17	507	1	(D)	7	(D)	6	35 820
Pima-----	3	(D)	(D)	1	(D)	3	(D)	3	(D)
Pinal-----	6	46	5 013	2	(D)	5	(D)	4	(D)
Yavapai-----	25	38	2 535	12	535	23	2 000	17	107 430
Yuma-----	6	77	8 250	2	(D)	5	(D)	3	420 000
All other counties-----	8	31	3 989	4	457	5	3 532	2	105 100
<b>OTHER NONCITRUS FRUIT</b>									
<b>State Total</b>									
Arizona-----1987--	9	19	990	9	267	6	723	2	(D)
1982--	-	-	-	-	-	-	-	-	-
<b>Counties, 1987</b>									
Maricopa-----	4	6	183	4	(D)	1	(D)	1	(D)
All other counties-----	5	13	807	5	(D)	5	(D)	1	(D)
<b>ALL CITRUS FRUIT</b>									
<b>State Total</b>									
Arizona-----1987--	546	40 791	3 187 988	106	162 988	533	3 025 000	(X)	(X)
1982--	594	45 986	3 786 293	95	108 926	586	3 677 367	(X)	(X)
<b>Counties, 1987</b>									
Maricopa-----	289	11 387	972 106	45	(D)	284	(D)	(X)	(X)
Pinal-----	11	(D)	(D)	6	(D)	11	(D)	(X)	(X)
Yuma-----	238	27 199	2 008 662	55	89 634	230	1 919 028	(X)	(X)
All other counties-----	8	(D)	(D)	-	-	8	3 276	(X)	(X)
<b>GRAPEFRUIT</b>									
<b>State Total</b>									
Arizona-----1987--	247	5 935	492 960	24	18 392	243	474 568	201	169 700 175
1982--	290	7 576	657 248	17	(D)	284	(D)	210	162 843 707
<b>Counties, 1987</b>									
Maricopa-----	160	2 798	235 819	16	17 596	159	218 223	137	66 412 006
Pinal-----	8	(D)	(D)	2	(D)	8	(D)	6	(D)
Yuma-----	74	2 611	207 682	6	(D)	71	(D)	54	74 674 844
All other counties-----	5	(D)	(D)	-	-	5	640	4	(D)
<b>LEMONS</b>									
<b>State Total</b>									
Arizona-----1987--	209	18 757	1 323 075	27	41 566	205	1 281 509	183	492 668 256
1982--	255	20 362	1 520 831	39	59 175	249	1 461 656	214	537 383 782
<b>Counties, 1987</b>									
Maricopa-----	42	1 505	102 300	-	-	42	102 300	31	(D)
Yuma-----	162	17 242	1 219 813	25	(D)	160	(D)	150	467 569 576
All other counties-----	5	11	962	2	(D)	3	(D)	2	(D)
<b>ORANGES</b>									
<b>State Total</b>									
Arizona-----1987--	337	12 130	1 044 304	64	45 697	320	998 607	284	217 491 240
1982--	388	14 017	1 252 175	40	13 890	380	1 238 285	306	255 282 933
<b>Counties, 1987</b>									
Maricopa-----	224	5 571	504 693	33	(D)	218	(D)	194	82 472 604
Pima-----	6	(D)	(D)	-	-	6	(D)	4	(D)
Pinal-----	9	(D)	(D)	6	(D)	7	(D)	7	(D)
Yuma-----	98	5 340	425 372	25	32 095	89	393 277	79	103 775 096

Table 28. **Fruits and Nuts: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
<b>TANGELOS</b>									
<b>State Total</b>									
Anzona ..... 1987 ..	70	2 131	165 867	17	10 464	60	155 403	52	24 045 346
..... 1982 ..	71	1 977	163 173	12	8 185	67	154 988	61	26 154 832
<b>Counties, 1987</b>									
Maricopa .....	24	386	28 715	-	-	24	28 715	18	5 257 204
Yuma .....	46	1 746	137 152	17	10 464	36	126 688	34	18 788 142
<b>OTHER TANGERINES</b>									
<b>State Total</b>									
Anzona ..... 1987 ..	70	1 811	159 738	7	46 540	67	113 198	55	24 773 708
..... 1982 ..	70	1 948	181 174	3	(D)	69	(D)	50	36 181 942
<b>Counties, 1987</b>									
Maricopa .....	51	1 111	99 295	2	(D)	51	(D)	44	20 814 763
All other counties .....	19	700	60 443	5	41 740	16	18 703	11	3 958 945
<b>PECANS (IN SHELL)</b>									
<b>State Total</b>									
Anzona ..... 1987 ..	295	17 798	823 934	123	75 136	270	748 798	213	16 376 902
..... 1982 ..	328	15 885	(D)	161	175 122	241	(D)	187	18 482 805
<b>Counties, 1987</b>									
Cochise .....	65	4 329	192 627	40	32 364	58	160 263	47	1 531 357
Gila .....	4	32	(D)	2	(D)	4	(D)	4	5 146
Graham .....	19	56	1 970	10	336	17	1 634	12	19 750
Greenlee .....	4	(D)	195	2	(D)	4	(D)	3	(D)
La Paz .....	15	1 128	53 539	2	(D)	15	(D)	10	716 145
Maricopa .....	61	593	25 511	13	487	59	25 024	45	532 580
Mohave .....	16	94	3 625	11	1 204	14	2 421	12	10 144
Pima .....	21	(D)	(D)	6	(D)	21	(D)	19	(D)
Pinal .....	52	6 176	281 804	13	(D)	43	(D)	35	5 392 776
Yavapai .....	26	123	4 816	22	1 343	24	3 473	18	36 406
Yuma .....	12	732	33 412	2	(D)	11	(D)	8	679 420
<b>PISTACHIOS (IN SHELL)</b>									
<b>State Total</b>									
Anzona ..... 1987 ..	56	1 485	174 515	47	88 196	39	86 319	25	129 760
..... 1982 ..	50	1 885	237 845	38	144 660	26	93 185	6	34 320
<b>Counties, 1987</b>									
Cochise .....	23	719	84 514	23	52 146	18	32 368	15	109 123
Graham .....	3	(D)	(D)	3	(D)	1	(D)	1	(D)
Maricopa .....	5	45	(D)	4	(D)	3	(D)	1	(D)
Mohave .....	8	73	8 190	7	4 310	5	3 880	2	(D)
Pima .....	9	134	14 000	9	10 100	5	3 900	4	4 097
Pinal .....	8	(D)	42 177	1	(D)	7	(D)	2	(D)

Table 29. **Berries Harvested for Sale: 1987 and 1982**

[Not published for this State]

Table 30. **Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)
<b>NURSERY AND GREENHOUSE CROPS (SEE TEXT)</b>								
<b>State Total</b>								
Arizona .....	211	2 414 777	5 115	61 053	163	1 640 811	3 000	22 493
<b>Counties</b>								
Cochise .....	9	(D)	(D)	(D)	11	15 052	5	(D)
Gila .....	6	(D)	(D)	47	8	(D)	(D)	32
Maricopa .....	104	1 809 546	1 923	40 685	84	1 184 631	1 614	17 432
Navajo .....	6	(D)	(D)	56	5	(D)	(D)	(D)
Pima .....	35	368 066	122	3 854	24	364 804	62	(D)
Pinal .....	18	132 115	1 394	10 120	6	-	(D)	(D)
Yavapai .....	8	53 140	16	(D)	7	(D)	(D)	(D)
Yuma .....	18	-	1 475	4 665	14	(D)	(D)	1 910
All other counties .....	7	26 120	73	374	(NA)	(NA)	(NA)	(NA)
<b>NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)</b>								
<b>State Total</b>								
Arizona .....	152	(X)	5 011	(X)	102	(X)	2 975	(X)
<b>Counties</b>								
Cochise .....	5	(X)	(D)	(X)	5	(X)	5	(X)
Gila .....	3	(X)	(D)	(X)	(NA)	(X)	(NA)	(X)
Maricopa .....	77	(X)	1 834	(X)	54	(X)	1 590	(X)
Navajo .....	4	(X)	7	(X)	(NA)	(X)	(NA)	(X)
Pima .....	23	(X)	119	(X)	15	(X)	62	(X)
Pinal .....	14	(X)	1 392	(X)	6	(X)	(D)	(X)
Yavapai .....	4	(X)	12	(X)	(NA)	(X)	(NA)	(X)
Yuma .....	18	(X)	1 475	(X)	13	(X)	837	(X)
All other counties .....	4	(X)	73	(X)	(NA)	(X)	(NA)	(X)
<b>CUT FLOWERS AND CUT FLORIST GREENS</b>								
<b>State Total</b>								
Arizona .....	5	(D)	11	77	9	7 200	188	2 085
<b>FOLIAGE AND POTTED FLOWERING PLANTS, TOTAL</b>								
<b>State Total</b>								
Arizona .....	51	870 706	122	8 024	41	687 299	140	3 689
<b>Counties</b>								
Maricopa .....	30	674 670	102	6 530	22	339 755	134	2 686
Pima .....	11	153 816	(D)	1 175	15	324 104	6	832
Pinal .....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
All other counties .....	7	(D)	8	(D)	(NA)	(NA)	(NA)	(NA)
<b>FOLIAGE PLANTS</b>								
<b>State Total</b>								
Arizona .....	43	762 404	102	7 468	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>								
Maricopa .....	28	579 808	(D)	6 030	(NA)	(NA)	(NA)	(NA)
Pima .....	7	(D)	5	1 132	(NA)	(NA)	(NA)	(NA)
Pinal .....	3	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties .....	5	16 900	8	(D)	(NA)	(NA)	(NA)	(NA)

Table 30. **Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)
<b>NURSERY CROPS</b>								
<b>State Total</b>								
Arizona .....	115	440 831	2 125	32 838	79	421 884	1 347	9 210
<b>Counties</b>								
Cochise .....	3	(D)	8	(D)	5	4 100	(D)	56
Gila .....	5	-	30	(D)	(NA)	(NA)	(NA)	(NA)
Marcopa .....	67	215 586	1 776	28 206	44	384 528	1 066	7 645
Pima .....	19	112 250	110	2 283	10	11 700	56	389
Pinal .....	9	105 315	60	1 145	(NA)	(NA)	(NA)	(NA)
Yavapai .....	4	(D)	(D)	84	3	(D)	(D)	(D)
All other counties .....	8	2 800	(D)	1 039	(NA)	(NA)	(NA)	(NA)
<b>SOD HARVESTED</b>								
<b>State Total</b>								
Arizona .....	6	(X)	1 393	8 875	7	(X)	632	2 330
<b>VEGETABLE AND FLOWER SEEDS</b>								
<b>State Total</b>								
Arizona .....	19	(D)	1 368	3 662	10	(D)	662	892
<b>Counties</b>								
Yuma .....	15	-	1 357	3 623	6	-	(D)	874
All other counties .....	4	(D)	11	39	(NA)	(NA)	(NA)	(NA)
<b>GREENHOUSE VEGETABLES</b>								
<b>State Total</b>								
Arizona .....	6	(D)	(X)	41	7	48 100	(X)	43

Table 31. **Other Crops: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>JOJOBA HARVESTED (POUNDS)</b>										
<b>State Total</b>										
Arizona .....	36	9 942	1 693 855	36	9 942	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Yuma .....	24	7 182	(D)	24	7 182	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties .....	12	2 760	(D)	12	2 760	(NA)	(NA)	(NA)	(NA)	(NA)
<b>JOJOBA NOT HARVESTED</b>										
<b>State Total</b>										
Arizona .....	23	4 083	(X)	23	4 083	(NA)	(NA)	(X)	(NA)	(NA)
<b>Counties</b>										
Marcopa .....	9	1 005	(X)	9	1 005	(NA)	(NA)	(X)	(NA)	(NA)
Yuma .....	10	2 687	(X)	10	2 687	(NA)	(NA)	(X)	(NA)	(NA)
All other counties .....	4	391	(X)	4	391	(NA)	(NA)	(X)	(NA)	(NA)

**Table 32. Farms Operated by Black and Other Races by Value of Sales and Occupation: 1987 and 1982**

[For classification of social and ethnic groups, see text For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Harvested cropland		Market value of agricultural products sold (\$1,000)	Farms by value of sales					
						Occupation farming			Occupation other than farming		
	Farms	Acres	Farms	Acres		Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more
STATE TOTAL											
Arizona .....	598	21 143 151	227	72 487	86 115	67	66	141	166	90	68
1982 .....	482	20 457 319	241	60 242	70 136	67	44	99	137	51	29
COUNTIES, 1987											
Apache .....	105	4 448 623	32	6 002	11 280	16	19	4	40	17	9
Cochise .....	16	5 913	10	1 418	1 134	-	1	7	3	4	1
Coconino .....	134	4 284 752	23	1 555	4 504	30	19	8	53	13	11
Gila .....	12	(D)	1	(D)	1 389	-	-	3	2	3	4
Graham .....	17	1 340 348	5	887	2 399	3	-	10	2	2	-
Greenlee .....	3	(D)	-	-	14	-	1	-	-	2	-
La Paz .....	22	162 415	19	30 044	17 509	-	3	15	-	2	2
Maricopa .....	71	16 104	43	8 931	13 877	4	5	28	17	8	9
Mohave .....	13	537 980	2	(D)	2 133	-	-	4	3	4	2
Navajo .....	98	6 106 786	26	1 685	8 901	12	10	8	30	24	14
Pima .....	26	2 426 740	5	5 885	8 901	1	5	14	2	2	2
Pinal .....	42	730 744	35	9 751	8 831	-	-	23	7	5	7
Santa Cruz .....	4	3 690	2	(D)	83	-	-	3	-	1	-
Yavapai .....	9	16 063	5	176	76	1	1	1	1	3	2
Yuma .....	26	11 154	19	3 971	5 085	-	2	13	6	-	5

**Table 33. Farms Operated by Black and Other Races by Tenure: 1987 and 1982**

[For classification of social and ethnic groups, see text For meaning of abbreviations and symbols, see introductory text]

Geographic area	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
<b>STATE TOTAL</b>									
Arizona .....	445	20 884 872	35 321	58	81 353	6 119	95	176 926	31 047
1982 .....	356	20 345 783	32 640	53	56 988	14 185	73	54 548	13 417
<b>COUNTIES, 1987</b>									
Apache .....	81	4 349 122	5 945	4	3 076	(D)	20	96 425	(D)
Cochise .....	11	3 051	758	4	(D)	660	1	(D)	-
Coconino .....	110	4 259 018	1 333	5	2 017	156	19	23 717	66
Gila .....	10	(D)	(D)	-	-	-	2	(D)	-
Graham .....	16	(D)	(D)	1	(D)	(D)	-	-	-
La Paz .....	6	(D)	12 366	3	(D)	556	13	19 525	17 122
Maricopa .....	47	6 631	2 638	13	2 292	1 009	11	7 181	5 284
Mohave .....	12	(D)	(D)	-	-	-	1	(D)	(D)
Navajo .....	83	6 051 325	1 644	10	45 636	(D)	5	9 825	(D)
Pima .....	22	2 422 942	(D)	3	(D)	(D)	1	(D)	(D)
Pinal .....	20	715 828	3 311	9	5 105	1 863	13	9 811	4 577
Yavapai .....	5	(D)	(D)	3	14 521	(D)	1	(D)	-
Yuma .....	17	7 017	2 217	1	(D)	(D)	8	(D)	(D)
All other counties .....	5	2 555	50	2	(D)	(D)	-	-	-

Table 34. Operators by Selected Racial Groups: 1987 and 1982

(For meaning of abbreviations and symbols, see introductory text)

Geographic area	All farms		Farms with sales of \$10,000 or more <sup>1</sup>	
	Farms	Land in farms	Farms	Land in farms
<b>AMERICAN INDIAN</b>				
<b>State Total</b>				
Arizona .....	1987 .. 426	21 071 670	112	19 979 971
..... 1982 ..	315	20 378 544	54	93 430
<b>Counties, 1987</b>				
Apache .....	100	4 448 556	13	4 277 478
Coconino .....	132	(D)	19	3 736 778
Gila .....	8	1 051 407	6	(D)
Graham .....	8	1 339 486	6	(D)
La Paz .....	14	155 311	10	(D)
Maricopa .....	12	7 751	4	7 587
Mohave .....	12	(D)	5	(D)
Navajo .....	97	(D)	21	(D)
Pima .....	16	2 421 651	11	2 350 230
Pinal .....	13	714 348	9	714 302
Yuma .....	7	7 467	6	(D)
All other counties .....	7	13 025	2	(D)
<b>ASIAN OR PACIFIC ISLANDER</b>				
<b>State Total</b>				
Arizona .....	1987 .. 34	14 304	30	14 183
..... 1982 ..	43	23 135	36	23 100
<b>Counties, 1987</b>				
Maricopa .....	20	(D)	18	(D)
Pinal .....	4	(D)	4	(D)
Yuma .....	4	(D)	3	(D)
All other counties .....	6	7 175	5	7 145
<b>OTHER RACES (SEE TEXT)</b>				
<b>State Total</b>				
Arizona .....	1987 .. 126	55 717	62	47 879
..... 1982 ..	93	47 528	31	33 666
<b>Counties, 1987</b>				
Apache .....	5	67	-	-
Cochise .....	12	2 891	6	2 578
Gila .....	4	(D)	1	(D)
Graham .....	9	862	4	(D)
Greenlee .....	3	(D)	-	-
La Paz .....	8	7 104	7	(D)
Maricopa .....	32	4 514	14	4 012
Pima .....	6	2 239	2	(D)
Pinal .....	23	13 241	15	13 176
Santa Cruz .....	4	3 690	3	(D)
Yuma .....	15	(D)	9	3 168
All other counties .....	5	17 415	1	(D)

<sup>1</sup>Data for 1982 exclude abnormal farms



Table 35. **Operators of Spanish Origin: 1987 and 1982**

[For classification of Spanish origin, see text For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of \$10,000 or more <sup>1</sup>	
	Farms	Land in farms	Farms	Land in farms
<b>STATE TOTAL</b>				
Arizona .....	363	364 077	168	325 249
..... 1987 ..				
..... 1982 ..	299	322 266	128	289 919
<b>COUNTIES, 1987</b>				
Apache .....	15	17 188	2	(D)
Cochise .....	44	23 843	13	16 424
Coconino .....	4	84 182	2	(D)
Gila .....	5	(D)	1	(D)
Graham .....	18	15 971	9	15 691
Greenlee .....	7	490	1	(D)
La Paz .....	19	14 080	13	14 004
Maricopa .....	96	57 712	49	56 947
Mohave .....	9	2 536	5	(D)
Navajo .....	5	(D)	1	(D)
Pima .....	26	26 230	8	16 532
Pinal .....	42	27 432	27	26 879
Santa Cruz .....	20	7 260	6	5 122
Yavapai .....	12	15 154	5	10 096
Yuma .....	41	5 795	26	5 632

<sup>1</sup>Data for 1982 exclude abnormal farmsTable 36. **Farms With Grazing Permits: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Farms by land in farms						Source of permits			
	Farms	Acres	Less than 100 acres	100 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more	Forest service	Taylor grazing	Indian land	Other
<b>Arizona .....</b>	<b>1 065</b>	<b>8 184 050</b>	<b>253</b>	<b>124</b>	<b>80</b>	<b>138</b>	<b>92</b>	<b>378</b>	<b>438</b>	<b>441</b>	<b>106</b>	<b>318</b>
Apache .....	95	827 229	27	12	3	13	6	34	46	19	29	16
Cochise .....	169	1 110 575	14	13	8	22	25	87	68	70	-	81
Coconino .....	97	528 186	44	8	5	12	6	22	29	31	38	16
Gila .....	62	387 285	33	10	3	3	2	11	45	15	1	6
Graham .....	66	1 100 468	9	9	6	14	4	24	34	30	2	23
Greenlee .....	44	97 338	8	16	5	3	6	6	21	22	-	13
La Paz .....	10	6 630	3	1	2	2	1	1	1	7	3	2
Maricopa .....	64	500 409	25	10	8	1	6	14	19	41	1	22
Mohave .....	96	917 627	23	6	5	7	6	49	2	89	2	24
Navajo .....	71	651 041	22	10	4	7	6	22	21	15	29	10
Pima .....	55	487 286	11	5	5	12	4	18	22	23	1	24
Pinal .....	48	303 019	12	2	5	9	2	18	13	25	-	27
Santa Cruz .....	62	144 809	6	8	11	13	7	17	55	6	-	8
Yavapai .....	123	1 121 992	14	13	10	20	11	55	62	45	-	45
Yuma .....	3	156	2	1	-	-	-	-	-	3	-	1



# APPENDIX A.

## General Explanation

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### DATA COLLECTION

#### Method of Enumeration

All agriculture censuses beginning with the 1969 census primarily have used mailout/mailback data collection. Direct enumeration methods, however, continue to be used for the agriculture census in Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands.

#### Mail List

The mail list for the 1987 census was comprised of individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1982 census, administrative records of the Internal Revenue Service (IRS), and the statistical records of the U.S. Department of Agriculture (USDA). In addition, lists of large or specialized operations, such as nurseries and greenhouses, specialty crop farms, poultry farms, fish farms, livestock farms, and cattle feedlot operations, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of companies having one or more establishments (or locations) producing agricultural products were obtained from the 1982 census and updated using the information from the Standard Statistical Establishment List maintained by the Census Bureau. Exhaustive record linkage, unduplication, and mathematical modeling yielded a final mail list of 4.1 million names and addresses that had a substantial probability of being a farm operation.

#### Report Forms

In 1987, three different report forms were used—a two-page, a four-page, and a six-page form to minimize the reporting burden, particularly for small farms and places less likely to be farms. The six-page sample form and the four-page nonsample form are the same, except sections 23 through 28 have been added to the sample form to obtain supplemental information from a sample of farms.

The information collected in these sections will give the Bureau of the Census a good basis for making estimates of these data for other farms included in the census. The two-page form does not have as many questions or as much detail as the four-page and six-page forms. The four-page form has 11 regional versions and the six-page form has 13 regional versions. Both forms have different crops prelisted. Appendix D contains copies of both the two-page and six-page forms.

The six-page form was mailed to 1,104,000 addressees on the mail list, including all those expected to be large (based on expected sales or acreage) or unique (farms operated by multiestablishment companies or nonprofit organizations), all those in Alaska and Hawaii, and a sample of other addressees. The two-page form was mailed to 906,000 addressees. These were expected to be small farms or less likely to be farms. The four-page form was mailed to the remaining 2,079,000 addressees. Further discussion of the criteria used to determine which form was mailed to an addressee is provided in the Census Sample Design section of appendix C.

#### Initial Mailing

The report forms were mailed in mid-December 1987 to the approximately 4,089,000 individuals, businesses, and organizations on the mail list. The mail packages included a report form, a cover letter with a description of the purposes and uses of the census on the reverse side, an information sheet containing instructions for completing the form, and a postage-paid return envelope. Additional special instructions were included with report forms sent to grazing associations; feedlot operations; institutional organizations; Indian reservations; firms with multiple farm or ranch operations; and producers of poultry under contract, bees and honey, fish, laboratory animals, and nursery and greenhouse crops.

To provide additional help to farmers in completing their reports, copies of an Agriculture Census Guide booklet were sent to vocational agriculture instructors, USDA county offices of the Agriculture Stabilization and Conservation Service, and the Cooperative Extension Service. The Guide contained descriptions and definitions of various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms.

## Followup Procedures

A thank you/reminder card was mailed to those on the mail list in mid-January 1988. Five followup letters, three of which were accompanied by a report form, were sent to nonrespondents at 4-week intervals starting in mid-February and continuing until early June 1988.

Telephone calls were made to all large farms who had not responded. In addition, telephone calls were made to a sample of other nonrespondents in counties that had a response rate of less than 75 percent. A nonresponse adjustment procedure was used to represent the final nonrespondent farms in the census results. A description of this procedure is included in the Census Estimation section of appendix C.

## DATA PROCESSING

Selected report forms were reviewed prior to keying the data. These included reports with attached correspondence and reports with remarks or no positive data on the front page.

The data from each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Substantial computer-generated changes to the data were clerically reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for substantial changes between 1982 and 1987. Sizeable historical differences were resolved or verified by telephone, if necessary. Respondents who reported sales or acreage above specified levels on non-sample forms were sent correspondence requesting the additional sample data. Prior to publication, tabulated totals were reviewed by statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, estimates published by the USDA, and other available data.

## MAJOR DATA CHANGES

Prior to each agriculture census, the Census Bureau reviews the content of the census forms to eliminate questions no longer needed and to identify new items necessary to meet user needs and to better describe the agricultural situation in our Nation. Data requests are solicited from farmers, farm organizations, land grant colleges and universities, State and federal agencies, and members of the Census Advisory Committee on Agricultural Statistics. Each agency and organization is asked to identify and justify its specific data needs. The following data inquiries were added to the 1987 report form:

- Income from farm-related sources
- Acres under the Conservation Reserve Program
- Payments received for participation in federal farm programs
- Grazing permits by source

Additional data on production expenses were added in 1987:

- Repair and maintenance expenses
- Cash rent
- Property taxes paid
- All other production expenses

The following separate data inquiries were eliminated from the 1987 form:

- Storage capacity for petroleum products
- Number of hired farm and ranch workers
- Value of agricultural products sold directly to individuals for human consumption
- Source of irrigation water
- Tons of commercially mixed feed
- Expenditures for coal, wood, and coke
- Selected machinery items: automobiles, corn heads for combines, and field forage harvesters
- Chinchillas
- Worms
- Tropical and baitfish

## FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS

In addition to the 1987 Census of Agriculture for the 50 States, Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands, the census of agriculture program includes the 1988 Farm and Ranch Irrigation Survey, the 1988 Agricultural Economics and Land Ownership Survey, and the 1988 Census of Horticultural Specialties.

The 1988 Farm and Ranch Irrigation Survey provides data on water use by irrigated farms and ranches. Data include: the amount of water applied by crop, method of water distribution, source of water, and energy costs for pumping water. Data from this survey will be published as volume 3, part 1.

The 1988 Agricultural Economics and Land Ownership Survey provides detailed data on debts, expenses, taxes, credits, assets, land ownership, and farm and off-farm income for farm operators. Many of these items, as well as detailed data on landlord characteristics, are being collected from the landlords of the farms involved in the survey. Data from this survey will be published as volume 3, part 2.

The 1988 Census of Horticultural Specialties covers operations growing and selling \$2,000 or more of horticultural products such as greenhouse products, outdoor-grown floricultural products, nursery products, mushrooms, and sod. These data will be published as volume 4.

Additional publications of the 1987 Census of Agriculture data include the Agricultural Atlas of the United States (previously called the Graphic Summary), Coverage Evaluation, Ranking of States and Counties, and Government Payments and Market Value of Agricultural Products Sold.

The Agricultural Atlas of the United States presents the Nation's agriculture graphically illustrated by dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms. This report will be published as volume 2, part 1.

The Coverage Evaluation report provides estimates of the completeness of the 1987 Census of Agriculture for the United States, geographic regions, and selected States and groups of States. Estimates with their associated sample reliability are provided for farms not on the mail list, farms classified as nonfarms, duplicate farms, and non-farms classified as farms. This report will be published as volume 2, part 2.

The Ranking of States and Counties report ranks the leading States and counties for selected items in the 1987 census and provides comparative data from the 1982 census. This report will be published as volume 2, part 3.

A new publication on Government Payments and Market Value of Agricultural Products Sold presents 1987 data for the United States and each State. The U.S. table has a format similar to volume 1, U.S. table 52 and presents summary data by size of farm. This report will be published as volume 2, part 5.

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a more detailed description of the terms used in this publication than are available in the tables or on the report form. For an exact wording of the questions on the 1987 census report forms and the information sheet which accompanied these forms, see appendix D. Most definitions of terms are the same as those used in earlier censuses. The more important exceptions are also noted here.

**Farms or farms reporting**—The term “farms” or “farms reporting” in the presentation of data denotes the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves- - - - -farms- - 842  
number- - 28,594

**Land in farms**—The acreage designated in the tables as “land in farms” consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operations. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations. Land in farms includes acres set aside under annual commodity acreage programs as well as acres in the Conservation Reserve Program for places meeting the farm definition.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as “land in farms” provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was to be reported by the grazing association and included as land in farms. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

**Land area**—The approximate land area of counties and States represents the total land area as determined by records and calculations as of January 1, 1988. These data are updated periodically; however, the acreages shown for 1987 are essentially the same as for 1982. Any differences between the land area for 1987 and 1982 are due to annexations and other changes affecting county boundaries.

**Land in two or more counties**—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. For a limited number of Midwest and Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms identified from the 1982 census as having more than one farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would substantially affect the county totals.

**Value of land and buildings**—Respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the value the land and buildings would sell for under current market conditions. If the value of land and buildings was not reported, it was estimated using the average value of land and buildings from a similar farm in the same geographic area.

**Harvested cropland**—This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once, even though there was more than one use of the land.

**Cropland used only for pasture or grazing**—This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Included also was all cropland used for rotation pasture and land in government diversion programs that were pastured. However, cropland that was pastured before or after crops were harvested was to be included as harvested cropland rather than cropland for pasture or grazing.

**Other cropland**—This category includes cropland not harvested and not grazed which was used for cover crops, soil improvement crops, land on which all crops failed, cultivated summer fallow, idle cropland, and land planted in crops that were to be harvested after the census year.

**Total woodland**—This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products, land planted for Christmas tree production, and woodland pastured. Land covered by sagebrush or mesquite was to be reported as other pastureland and rangeland or other land.

**Woodland pastured**—This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and therefore, was not included in woodland pastured.

**Cropland in annual commodity acreage adjustment programs**—This category includes land diverted or set aside under the provisions of the Federal Commodity Acreage Program. These data are for the acres of cropland taken out of production by growers of wheat, cotton, rice, corn, sorghum, barley, and oats, and devoted to conservation uses. Information was not obtained as to which crops would have been grown on the acres set aside.

**Cropland in the Conservation Reserve Program (CRP)**—This category includes acres of "highly erodible" cropland taken out of agricultural production and planted to protective cover crops or reforested. The CRP was established through the 1985 Food Security Act and provides for annual rental payments and shared costs of conservation practices through a 10-year contract with the USDA. Appendix B presents data on places with all their cropland enrolled in the Conservation Reserve Program and which were not counted as farms in the 1987 census.

**Irrigated land**—This category includes all land watered by any artificial or controlled means, such as sprinklers, furrows or ditches, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was to be counted only once regardless of the number of times it was irrigated or harvested.

**Operator**—The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For partnerships, only one partner is counted as the operator. If it is not clear which partner is in charge, then the senior or oldest active partner is considered the operator. For census purposes, the number of operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operation.

**Operator characteristics**—All operators were asked to report place of residence, principal occupation, days of off-farm work, year in which his/her operation of the farm began, age, race, sex, and Spanish origin. If race, age, sex, and principal occupation were not reported, they were imputed based on information reported by farms with similar acreage, tenure, and value of sales. No imputations were made for nonresponse to place of residence, Spanish origin, off-farm work, or year began operation. Operators of Spanish origin were tabulated by reported race.

**Farm production expenses**—In 1987, additional specific expense items and a category for all other farm production expenses were added to the selected farm production expenses collected in 1982. Consequently, we are publishing total farm production expenses in 1987. The expenses are limited to those incurred in the operation of the farm business. Expenses include the share of the expenditures provided by landlords, contractors, and partners in the operation of the farm business. Property taxes paid by landlords are excluded. Expenditures for nonfarm activities; farm-related activities such as providing custom-work for others, the production and harvest of forest products, and recreational services; and household expenses are excluded. In 1987, as in other recent censuses, operators producing crops, livestock, or poultry under contract often were unable or unwilling to estimate the cost of production inputs furnished by the contractors. As a consequence, extensive estimation was required for contract producers.

**Commercial fertilizer**—The expense for commercial fertilizer is the amount spent on fertilizer during 1987

including the cost of custom application. The cost of custom application was excluded from the 1982 and 1978 data.

**Agricultural chemicals**—These expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including the cost of custom application. Data exclude commercial fertilizer purchased. The cost of custom application was excluded from the 1982 and 1978 data. The cost of lime was excluded from the 1987 and 1982 data, but included in 1978.

**Customwork, machine hire, and rental of machinery and equipment**—These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. The cost of custom application of fertilizer and chemicals was included in the 1982 and 1978 customwork data, but is included in expenditures for these items in 1987. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

**Interest**—In 1987, separate data were collected for interest paid on debts secured by real estate and interest paid on debts not secured by real estate. In 1982, only total interest expenses were collected.

**Market value of agricultural products sold**—This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1987 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. In addition, it includes receipts from placing commodities in the Commodity Credit Corporation (CCC) loan program in 1987. It does not include payments received for participation in federal farm programs nor does it include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 1987 does not necessarily represent the sales from crops harvested in 1987. Data may include sales from crops produced in earlier years and exclude some crops produced in 1987, but held in storage and not sold. For commodities, such as sugar beets and wool, sold through a co-op which made payments in several installments, respondents were requested to report the total value received in 1987.

The value of agricultural products sold was requested of all operators. If the operator failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory or number sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be used when comparing sales in 1987 with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation.

**Government payments**—This category is limited to direct cash or generic commodity certificate (PIK) payments received by the farm operator in 1987. It includes deficiency and diversion payments; wool payments; payments from the Dairy Termination Program, the Conservation Reserve Program, other conservation programs, and all other federal farm programs under which payments were made directly to farm operators.

**Other farm-related income**—The 1987 report form included a new inquiry on income from farm-related sources. These data consist of gross income in 1987 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. These data are for income producing activities that are primarily a by-product or supplemental to the farm operation. They exclude income from business activities that are separate from the farm business.

**Customwork and other agricultural services**—This income includes gross receipts received by farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constitutes a separate business or is conducted from another location.

**Rental of farmland**—This income includes gross cash rent or share payments received from renting out farmland; payments received from the lease or sale of allotments for crops such as tobacco; and payments received for livestock pastured on a per-head, per-month, or per-pound basis. It excludes rental income from nonfarm property.

**Sales of forest products**—This income includes gross receipts from the sales of Christmas trees, standing timber, maple products, gum for naval stores, firewood, and other forest products from the farm business. It excludes income from nonfarm timber tracts and sawmill businesses.

**Other farm-related income sources**—This income includes gross receipts from hunting leases, fishing fees, camping, other recreational services, patronage dividends of cooperatives, sales of farm by-products, and other sales and services closely related to the farm business. It excludes income from nonfarm businesses.

**Commodity Credit Corporations loans**—This category includes loans for corn, wheat, soybeans, sorghum, barley, oats, cotton, peanuts, rye, rice, tobacco, and honey.

**Agricultural chemicals used, including fertilizer and lime**—For each type of agricultural chemical, the acres treated were to be reported only once even if the acres were fertilized or limed more than once. If multipurpose chemicals were used, the acres treated for each purpose were to be reported.

**Fish and other aquacultural products**—The raising of fish and other aquacultural products in captivity is included in the agriculture census. Production in salt water is considered not to be in captivity and is excluded from the census.

**Bees and honey**—Bee and honey production was enumerated and tabulated in the county in which the home farm was located even though hives are often moved from farm to farm over a wide geographic area.

**Citrus enumeration**—In the 1987 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the census report. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and acres of citrus. The names on the lists were matched to completed grove owners' report forms to eliminate duplication. The caretaker also was requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report the citrus again. In the 1987 census, 7 caretakers in Arizona reported 175 grove owners having 12,000 acres of citrus; the 65 caretakers in Florida reported 3,000 grove owners having 170,000 acres of citrus; and 20 caretakers in Texas reported 800 grove owners having 14,500 acres of citrus.

**Crop year or season covered**—Acres and quantity harvested are for the calendar year 1987 except for citrus fruits, avocados, olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

**Citrus fruits**—The data for Florida relate to the quantity harvested in the September 1986 through July 1987 harvest season, except limes that were harvested in the April 1987 through March 1988 harvest season. The data for Texas relate to the quantity harvested in the September 1986 through May 1987 harvest season. The data for States, other than Florida and Texas, relate to the quantity harvested in the 1986-87 harvest season.

**Avocados**—The data for California relate to the quantity harvested in the November 1986 through November 1987 harvest season and for Florida the April 1987 through March 1988 harvest season.

**Olives**—The data for California relate to the quantity harvested in the September 1986 through March 1987 harvest season.

**Vegetables**—The data for Florida relate to the crop harvested in the September 1986 through August 1987 harvest season.

**Sugarcane for sugar**—The data for Florida relate to the cuttings from November 1986 through April 1987, and for Texas the cuttings from October 1986 through April 1987.

**Pineapples**—The data for Hawaii relate to the quantity harvested in the year ending May 31, 1987.

**Coffee**—The data for Hawaii relate to the 1986-87 crop.

**Acres and quantity harvested**—Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: Irish potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, and nursery and greenhouse crops; and in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in 10ths of acres were rounded to whole acres at the aggregate level during the tabulation process.

If two or more crops were harvested from the same land during the year, the acres would be counted for each crop. Therefore, the total acres of all crops harvested generally exceeds the acres of cropland harvested. An exception to this procedure is hay crops. When more than one cutting of hay was taken from the same acres, the acres are counted only once but the quantity harvested includes all cuttings. However, hay cut for both dry hay and green chop or silage would be reported for each applicable crop. For interplanted crops or "skip-row" crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the "land use" section under the appropriate cropland items—cropland used only for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, or cropland idle.

Corn and sorghum hogged or grazed were to be reported as "cropland harvested" and not as "cropland used only for pasture or grazing." Crop residue left in fields and later hogged or grazed was not reported as cropland pasture.

Quantity harvested was not obtained for crops such as vegetables; nursery and greenhouse crops; corn cut for dry fodder, hogged or grazed; and sorghum, hogged or grazed.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were to be reported as harvested cropland regardless of whether the crop was harvested or failed. However, abandoned orchards were to be reported as cropland idle, not as harvested cropland and the individual abandoned orchard crop acres were not to be reported.



**Land in orchards**—This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of less than 20 total fruit, citrus, or nut trees, or grapevines.

**Crop units of measure**—The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in a unit of measure different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight, or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops is published in pounds.

**Write-in crops**—To reduce the length of the report form, only the major crops for the region were prelisted. For other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure proper coding, most of these respondents were telephoned. Reports for those not telephoned were changed on the basis of other reports for the area.

**Misreported or miscoded crops**—In a few instances, tabulated data may be inaccurate because respondents misunderstood or misinterpreted questions on the report form. Data may have been reported on the wrong line or in the wrong section, or the wrong crop code may have been placed beside the name of a write-in crop. Some of these errors as well as some keying errors may not have been identified during processing and therefore, were not corrected. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

## **"See text" References**

Items in the tables which carry the note "See text" are explained or defined in this section.

**Data are based on a sample of farms**—For 1987, 1982, and 1978, selected data were collected from only a sample of farms. These data are subject to sampling error. For 1987, the six-page sample form was mailed to all large and specialized farms (based on expected sales, acres, or standard industrial classification), all farms in Alaska and Hawaii, and approximately 17 percent of all other farms. Sample sections 23 through 28 of the 1987 census forms included inquiries on production expenses, commercial fertilizer and lime, chemicals, machinery and equipment, value of land and buildings, and income from farm-related sources. Estimates of the reliability of county totals for selected items are shown in table F of appendix C.

**Operators of Spanish origin**—No imputation was made for those not responding to the question on Spanish origin.

**Farms operated by Black and other races**—This category includes Blacks, American Indians, Asian and Pacific Islanders, and all other racial groups other than White.

**All other races**—This category is primarily limited to persons native to or of ancestry from Mexico, the Caribbean, and Central and South America.

**Total sales**—This item represents the gross market value of all agricultural products sold before taxes and expenses in the census year including livestock, poultry, and their products; and crops, including nursery crops and hay. Respondents were asked to include landlords' and contractors' shares. The value of commodities placed in CCC loans are included as sold. In 1987, all farms including abnormal farms were tabulated by size based on reported sales. In 1982 and 1978, abnormal farms were included in the total sales figure, but excluded from the detailed size breakdowns. Abnormal farms include institutional farms, experimental and research farms, and Indian reservations.

**Farms with sales of less than \$1,000**—This category includes all farms with actual sales of less than \$1,000, but having the production potential for sales of \$1,000 or more. These farms normally could be expected to sell \$1,000 or more of agricultural products.

**Net cash return from agricultural sales for the farm unit**—This category is derived by subtracting total operating expenditures from the gross market value of agricultural products sold. Depreciation and the change in inventory values are excluded from expenditures. Production expenditures may be understated on part owner and tenant farms because property taxes paid by landlords are excluded. Other landlord expenditures, such as insurance or rent paid, which are not readily known to renters may also be omitted or understated. Gross sales include sales by the operator as well as the share of sales received by

partners, landlords, and contractors. Consequently, the net cash return is that of the farm unit rather than the net farm income of the operator.

**Other livestock and livestock products**—This category includes all livestock and livestock products not listed separately.

**Value of livestock and poultry on farms**—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by State average prices. The State average prices for cattle, hogs, sheep, Angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the National Agricultural Statistics Service, USDA. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the census.

**Poultry hatched**—This category includes all poultry hatched on the place during the year and placed or sold. Incubator egg capacity on December 31, 1987, is tabulated under the column heading "Inventory" and the number of poultry hatched and placed or sold is under the heading "Sales."

**Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc.**—Data shown for hay represent all hay crops, including grass silage, haylage, and hay crops cut and fed green (green chop). In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

**Tame hay other than alfalfa, small grain, and wild hay**—Data shown represent dry tons of hay harvested from clover, lespedeza, timothy, Bermuda grass, Sudan grass, and other types of legume and tame grasses.

**Grapes**—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds of fresh weight. The conversion used was 4 pounds fresh weight to 1 pound dry weight.

**Plums and prunes**—Farm operators were given the option of reporting the quantity of plums and prunes harvested in dry weight or fresh weight. For publication purposes, all quantities of plums and prunes harvested have been converted to pounds of fresh weight. The conversion used was 3 pounds fresh weight to 1 pound dry weight.

**Cherries**—For 1987, cherries were reported as "sweet cherries," "tart cherries," or "cherries" depending on the regional form the respondent completed. On regional

forms for States where cherries are an important fruit crop, "sweet cherries" and "tart cherries" were listed separately. On the other regional forms, either "cherries" were listed or could be written in. For publication purposes, "cherries, total" could be shown along with the individual breakdown of "sweet cherries," "tart cherries," or "cherries, not specified." "Cherries, not specified" is used to account for cherries where the "sweet" and "tart" breakdown was not asked or where respondents wrote in "cherries" but did not specify or code the kind of cherry. All the individual cherry items may not be shown. Data for "sweet cherries," "tart cherries," and "cherries, not specified" are not available for 1982.

**Other fruits and nuts**—Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the 1987 report form.

**Land used for vegetables**—Data are for the total land used for vegetable crops. The acres are reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

**Vegetables harvested for sale**—The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown.

**Nursery and greenhouse crops grown for sale**—These data are a summation of the individual items reported. All of the individual items may not be shown.

**Nursery, floriculture, vegetable and flower seed crops, sod, etc., grown in the open, irrigated**—Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding plants, etc., grown in the open.

**Other grains**—These data are for the total market value of other grains sold including dry edible beans, dry lima beans, buckwheat, dry southern peas (cowpeas), emmer and spelt, flaxseed, mixed grains, lentils, mustard seed, dry edible peas, popcorn, proso millet, rice, rye for grain, safflower, sunflower seed, triticale, and wild rice.

**Value of crop production**—This item represents the estimated value of all crops harvested during the 1987 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained usually from publications of the National Agricultural Statistics Service, USDA. When

USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondent report forms, county extension agents, and other persons knowledgeable about specific crops.

**FARMS CLASSIFIED BY SPECIFIED CHARACTERISTICS**

State tables 48 through 53 present detailed 1987 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. Other tables include data classified by value of sales groups or other characteristics of the farm or the operator.

**Farms by value of agricultural products sold or value of sales—**In 1987, all farms were tabulated by size based on reported sales. In 1982 and earlier censuses, abnormal farms were not tabulated based on sales size. In the tables on market value of agricultural products sold, the sales of abnormal farms in 1982 and earlier censuses were included in the total sales figure, but excluded from the detailed size categories. Abnormal farms included institutional farms, experimental and research farms, and Indian reservations. The category “farms with sales of less than \$1,000” included all farms with actual sales of less than \$1,000 but having the production potential for sales of \$1,000 or more. These farms normally could be expected to sell \$1,000 or more of agricultural products.

The sales size categories used in this report are consistent with the standard business size categories issued by Office of Management and Budget (OMB) in 1982. In State table 52, data are presented for four sales size categories between \$10,000 and \$49,999. This provides users with bridge data under both the OMB and the 1978 census classifications. For the 1992 census, data will be presented only for the OMB sales size categories of \$10,000 to \$24,999 and \$25,000 to \$49,999.

**Abnormal farms—**This category includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, churches, schools, grazing associations, and government agencies. In 1987 and 1982, nongovernmental units such as church farms and Future Farmers of America camps were classified as abnormal farms only when 50 percent or more of their products produced and intended for human consumption were utilized by the organization.

**Farms by tenure of operator—**The classifications of tenure used in the 1987 census were:

**Full owners,** who operate only land they own.

**Part owners,** who operate land they own and also land they rent from others.

**Tenants,** who operate only land they rent from others or work on shares for others.

**Farms by type of organization—**All farms were classified by type of organization in the 1987 census. The classifications used were:

**Individual or family (sole proprietorship),** excluding partnership and corporation.

**Partnership,** including family partnership.

**Corporation,** including family corporation.

**Other, cooperative, estate or trust, institutional, etc.**

Corporations were subclassified by two additional characteristics into:

- 1. Family held  
Other than family held
- 2. More than 10 stockholders  
10 or less stockholders

**Farms by age and principal occupation of operator—**Data on age and principal occupation were requested from all operators in 1987. The principal occupation classifications used were:

**Farming—**The operator spent 50 percent or more of his/her worktime in 1987 in farming or ranching.

**Other—**The operator spent more than 50 percent of his/her worktime in 1987 in occupations other than farming or ranching.

**Farms by size—**All farms were classified into selected size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered the tenant’s farm and not the owner’s.

**Farms by standard industrial classification—**In 1987, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity using the standard industrial classification (SIC) system. These classifications, found in the 1987 SIC Manual<sup>1</sup>, are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

<sup>1</sup>Standard Industrial Classification Manual: 1987. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-003-14-2.

An establishment primarily engaged in crop production (major group 01) or production of livestock and animal specialties (major group 02) is classified in the four-digit industry and three-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment is less than 50 percent from a single four-digit industry, but 50 percent or more from the products of two or more four-digit industries within the same three-digit industry group, the establishment is classified in the miscellaneous industry of that industry group. Otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291. Establishments that derive 50 percent or more of the value of sales from horticultural specialties of industry group 018 are classified in industry 0181 or 0182 according to their primary activity.

Characteristics of all farms by selected SIC groupings are shown in State tables 18 and 53. The SIC groupings shown in State table 53, together with the associated products (value of sales representing 50 percent or more of the value of agricultural products sold during the year) on which the classification is based, are as follows:

**Cash grains (011)**—Wheat, rice, corn, soybeans, barley, buckwheat, cowpeas, dry field and seed beans and peas, flaxseed, lentils, milo, mustard seed, oats, popcorn, rye, safflower, sorghum, sunflowers, and other small grains.

**Cotton (0131)**—Cotton and cottonseed.

**Tobacco (0132)**—Tobacco.

**Sugarcane, sugar beets, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)**—Sugarcane, sugar beets, Irish potatoes, alfalfa, broomcorn, clover, grass seed, hay, hops, mint, peanuts, sweetpotatoes, timothy, and yams.

**Vegetables and melons (016)**—Vegetables and melons grown in the open.

**Fruits and tree nuts (017)**—Berries, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, bananas, coffee, dates, figs, olives, pineapples, and tropical fruit.

**Horticultural specialties (018)**—Bedding plants, bulbs, florists' greens, flower and vegetable seeds, flowers, foliage, fruit stocks, nursery stock, ornamental plants, shrubberies, sod, mushrooms, and vegetables grown under cover.

**General farms, primarily crops (019)**—Crops, including horticultural specialties, but less than 50 percent of sales from any single three-digit industry group.

**Livestock, except dairy, poultry, and animal specialties (021)**—Cattle, calves, hogs, sheep, goats, goat's milk, mohair, and wool.

**Beef cattle, except feedlots (0212)**—Production or feeding of beef cattle, except feedlots.

**Dairy farms (024)**—Production of cows' milk and other dairy products and raising of dairy heifer replacements.

**Poultry and eggs (025)**—Chickens, chicken eggs, turkeys, ducks, geese, pheasants, pigeons, quail, and squab.

**Animal specialties (027)**—Fur-bearing animals, rabbits, horses, ponies, bees, fish in captivity except fish hatcheries, worms, and laboratory animals.

**General farms, primarily livestock and animal specialties (029)**—Livestock and animal specialties and their products, but less than 50 percent of sales from any single three-digit industry group.

The SIC manual was revised for 1987. Animal aquaculture (0273) was established as a new industry and horticultural specialties, not elsewhere classified (0189) was deleted.

# APPENDIX B.

## Places With All Cropland in the Conservation Reserve Program

The Food Security Act of 1985 established the Conservation Reserve Program (CRP). This program provides annual payments for highly erodible cropland enrolled in the program and meeting its conservation requirements. It also requires that the land be taken out of agricultural production for 10 years.

The 1987 Census of Agriculture includes Conservation Reserve acreage as land in farms on operations that meet the census farm definition. For census purposes, a farm is any place from which agricultural products of \$1,000 or more were produced and sold or normally would have been sold during the census year. Operations which placed all of their cropland in the CRP and did not otherwise meet the farm definition based upon sales, livestock inventories, planted crops, or other criteria for potential sales were not included as farms in the census tabulations.

The following table provides CRP data for places not meeting the census farm definition ("whole farm" CRP places). It also contains separate but corresponding CRP data for farms included in the census tabulations. In addition to State data, detailed county data are presented for counties with three or more "whole farm" CRP places reported. For counties with less than three "whole farm" CRP places reported, their data are combined and reported in "all other counties."

The data for "whole farm" CRP places are not complete for all counties. The census mail list was developed from sources which indicated the farm had agricultural production activity. It was not designed to cover all "whole farm" CRP places. Therefore, the data for these places are limited to what was reported in the census and have not been adjusted to account for nonresponse, incomplete coverage, and reporting errors.

### Land in Conservation Reserve Program: 1987

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Agricultural places excluded by farm definition with acres in the CRP			Farms with acres in the CRP		
	Number	Land in places (acres)	Land in CRP (acres)	Number	Land in farms (acres)	Land in CRP (acres)
Arizona .....	6	611	611	73	78 650	13 988
Mancopa .....	3	171	171	27	25 029	6 225
All other counties .....	3	440	440	46	53 621	7 763



# APPENDIX C.

## Statistical Methodology

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FARMS NOT ON THE MAIL LIST: 1987

### MAIL LIST MODEL

A statistical discriminant model was developed to predict the probability that a mail list addressee operated a farm. The model was used to identify the 4.1 million records from the preliminary census mail list of 6.0 million records that would receive a census of agriculture report form. Records from the 1982 census mail list were used to build the model. Record characteristics such as the source of the mail list record (see appendix A for a description of record sources), number of source lists on which the record appeared, expected value of agricultural sales, and geographic location were used to separate mail list records into model groups. The proportion of 1982 census farm records in each group was calculated to provide an estimate of the probability that an addressee in the group operated a farm.

Using these same group definitions, the 1987 census mail list records were separated into groups, each with an associated estimate of farm probability from the model. The 4.1 million mail list records in groups with the largest estimate of farm probability were selected to receive the census report form. A large percentage of the 1.9 million records that were dropped from the 6.0 million preliminary census mail list were nonfarm records from the previous census. This procedure was used to obtain a more complete census enumeration without excessive respondent burden and data collection cost.

### CENSUS SAMPLE DESIGN

Each of the 4.1 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample census form (a four-page form), the sample form (a six-page form), and the short form (a two-page form). Sections 1 through 22 of the sample form were identical to sections on the nonsample census form. However, the sample form contained additional sections on farm production expenditures, usage of fertilizers and insecticides, value of machinery and equipment, value of land and buildings, and farm-related income. The short form contained abbreviated versions of the sections on the nonsample census form. These three different forms were used to reduce the response burden of the census, while providing quality information on a large number of data items at the county level.

The sample form was mailed to all mail list records in Alaska and Hawaii and to a sample of records in other States identified when the mail list was constructed. Addresses were selected into the sample with certainty if they were expected to have large total values of agricultural products sold or large acreage, if they were firms with two or more farms, or if they had other special characteristics. When a nonsample large farm was identified during processing, a supplemental form that contained the additional data inquiries was mailed. All farms in counties with less than 100 farms in 1982 were included in the sample with certainty; counties containing 100 to 199 farms in 1982 were systematically sampled at a rate of 1 in 2; and counties containing 200 or more farms in 1982 were systematically sampled at a rate of 1 in 6. This differential sample scheme was used to provide reliable data for sections 23 through 28 of the report form for all counties.

To determine which mail list records would receive the short form, all mail list records not designated for the sample were sorted into model groups according to farm probability as specified by the mail list model. The 906,000 mail list records in the model groups with the lowest probability of being farms and with an expected total value of agricultural product sales less than \$20,000 were designated to receive the short form. The remaining mail list records were selected to receive the nonsample census form.

### CENSUS ESTIMATION

The 1987 Census of Agriculture used two types of statistical estimation procedures. These estimation

procedures accounted both for nonresponse to the data collection and for the sample data collection. These procedures are used because some farm operators never respond to the census despite numerous attempts to contact them, and not all farm operators are requested to provide the sample data items.

## Whole Farm Nonresponse Estimation

A statistical estimation procedure was used to account for the census farms among mail list nonrespondents that were not designated for telephone followup. A stratified systematic sample of eligible census nonrespondents were mailed a simplified report form. Five sample strata were defined based on form type, expected value of sales, and previous census status. The report form was designed to provide sufficient information to determine farm status. Additional mail and telephone contacts were made to survey nonrespondents to obtain sufficient response for survey estimates.

Estimates of the proportion of census nonrespondents that operated farms were made for each stratum in the State using survey results and applied to the total number of census nonrespondents in that stratum. A synthetic estimation procedure was used to estimate the number of census nonrespondents that operated farms for each county by stratum. This estimation procedure is based on the assumption that the distribution of farms in a stratum by county is the same for census nonrespondents as for census respondents.

Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. The procedure used for calculating the nonresponse weight assumed the eligible census respondents and the nonrespondent farm operations in a county had similar characteristics within each stratum. The noninteger nonresponse weight was the ratio of the sum of the estimated number of nonrespondent farms (using nonresponse survey results) and the number of eligible census respondent farms to the number of eligible census respondent farms. Stratum controls were established to ensure that this weight was never greater than 2.0. The noninteger nonresponse weight was used in the estimation of the final weight for the sample items. It was randomly rounded to an integer weight of either 1 or 2 for each record for tabulating the complete count items.

The procedure assumed that we obtain complete response from large and unique farm operations because these cases received intensive telephone followup during census processing. In situations where addressees could not be contacted by telephone or refused to cooperate, secondary sources such as Agricultural Stabilization and Conservation Service offices or county extension agents were asked to provide information as to whether or not the addressee had agricultural activities. Data from previous census reports for the specific addressee, in conjunction with other information, were used to complete the census report form.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentage of the census value contributed by nonresponse estimation as provided in this table indicates the potential for bias in published figures resulting from this procedure. The estimates provided in these tables do not reflect the effect of nonresponse to individual data items on respondents' census report forms. The effect of this item nonresponse is discussed further under Census Non-sampling Error.

**Table A. Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1987**

Item	Percent of total
Farms -----number--	10.7
Land in farms -----acres--	.2
Value of land and buildings -----\$1,000--	1.5
Market value of agricultural products sold --\$1,000--	.5
Harvested cropland -----acres--	1.1
Corn for grain or seed-----acres--	2.6
Wheat for grain-----acres--	.2
Livestock and poultry inventory:	
Cattle and calves -----number--	1.2
Hogs and pigs-----number--	.4
Hens and pullets of laying age -----number--	.9

## Sample Estimation

All respondent sample records received a sample weight. The sample data estimates the actual figures that would have resulted from a complete census of the items in sections 23 through 28 of the report form. The estimates were obtained from an iterative ratio estimation procedure that resulted in the assignment of a weight to each record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing overall sample records in the county.

Each sample farm was assigned one sample weight to be used to produce estimates for all sample items. For example, if the weight given to a sample farm had the value 5, all sample data items reported by that farm would be multiplied by 5. The weight assigned a certainty farm was 1. The estimation procedure used to assign weights was performed for each county.

Within a county, the ratio estimation procedure for farms was performed in three steps using three variables. The first variable contained eight 1987 total value of agricultural production (TVP) groups. Both the second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The variable groups were as follows:



<b>TVP</b>	<b>SIC</b>	<b>Acres</b>
\$1 to \$999	01 All crops	0 to 69
\$1,000 to \$ 2,499	02 All live-stock	70 or more
\$2,500 to \$ 4,999		
\$5,000 to \$ 9,999		
\$10,000 to \$24,999		
\$25,000 to \$49,999		
\$50,000 to \$99,999		
\$100,000 or more		

The first step in the estimation procedure was to partition the sample records into 32 mutually exclusive initial post strata formed by combining the three variable groups. This produced a three dimensional array where the cells of the array corresponded to the initial post strata groups. Each sample farm record was assigned an initial weight equal to the ratio of the total farm count to the sample farm count, expanded for nonresponse estimation, for the cell containing the sample farm. This weight was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure was to combine, if necessary, the cells of the array (prior to the repeated ratio estimation) to increase the reliability of the ratio estimation procedure. Any cell within the array that either contained less than 10 sample farms or had a ratio of total farms to sample farms that was more than 2 times the mail sample rate was collapsed with another cell (in the same variable) according to a specified collapsing pattern. New total farm counts and sample farm counts were computed for each of the collapsed cells (final post strata) and were used in the ratio estimation procedure to calculate final sample weights.

In the third step in the ratio estimation procedure, complete counts for the three variables (TVP, SIC, acreage) were used to compute the marginals of the array defined by the final post strata. Factors were then applied to expanded sample totals in each cell of the array to obtain agreement with the row marginal (TVP) complete counts. The sample totals then had factors applied to obtain agreement with the column marginal (SIC) complete counts. Lastly, the sample totals had factors applied to obtain agreement with the depth marginal (acreage) complete counts. This procedure that requires the row totals, then the column totals, and then the depth totals to agree with the complete counts for the rows, columns, and depths, respectively, is continued iteratively until the process converges (the marginal totals agree with the complete count totals).

The ratio of the adjusted total farm count to the sample farm count obtained from the second iteration of the estimation procedure was the noninteger final post stratum sample weight assigned to the sample farm records in that post stratum. The noninteger sample weight, the product of the noninteger final post stratum sample weight and the nonresponse weight, was randomly rounded to an integer weight for tabulation. If, for example, the final weight for the

farms in a particular group was 7.2, then one-fifth of the sample farms in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

## CENSUS SAMPLING ERROR

Sampling error in the census data results from the nonresponse sample and the census sample data collection. Census items were classified as either complete count or sample data items. The complete count items were asked of all farm operators. The complete count data items included land in farms, harvested cropland, livestock inventory and sales, crop acreages, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics (sections 1 through 22 of the census report form). Variability in the complete count data items is considerably smaller than in the sample items as the variation is due only to the nonresponse sample estimation procedure. The sample items were asked of approximately 25 percent of the total census farm operators. The sample data items included farm production expenditures, fertilizer and chemical usage, farm machinery and equipment, value of land and buildings, and farm-related income (sections 23 through 28 of the census report form). Variability in the estimates of sample items is due both to the census sample selection and estimation procedure and the nonresponse sample estimation procedure.

The sample for the 1987 Census of Agriculture is one of a large number of possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. The difference between a sample estimate and the average of all possible sample estimates is called the sampling deviation. The standard error or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples, and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The percent relative standard error of estimate is defined as the standard error of the estimate divided by the value being estimated multiplied by 100. If all possible samples were selected, each of the samples were surveyed under essentially the same conditions, and an estimate and its standard error were calculated from each sample, then:

1. Approximately 67 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples.
2. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average value of all possible samples.

The computations involved to define the above confidence statements are illustrated in the following example. Assume that the estimate of number of farms for the State is 94,382 and the relative standard error of the estimate (percent) is .1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error. Therefore, a 67-percent confidence interval is 94,288 to 94,476 (i.e., 94,382 plus or minus 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 2 out of 3 (67 percent) of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 90 percent confidence interval is 94,227 to 94,538 (i.e., 94,382 plus or minus 1.65 x 94).

Tables B and C provide the reliability estimates of the estimated number of farms in a county reporting complete count and sample items, respectively. Both tables show the percent relative standard errors for selected estimated number of farms in a county reporting an item. These are derived from a regression equation. The parameters of the regression equation were estimated using the estimated number of farms in a county reporting the complete count or sample item as the independent variable and the standard error of that estimate as the dependent variable for all counties in the State.

**Table B. Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item: 1987**

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25 -----	7.0
50 -----	4.5
75 -----	3.3
100 -----	2.4
150 -----	1.1
200 -----	.9
300 -----	.8
500 -----	.6
750 -----	.5
1,000 -----	.4
1,500 -----	.3
2,000 -----	.3

Note: Complete count items are items in sections 1 to 22 of the report form.

To illustrate the use of these tables, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 12, is 89. Since hogs and pigs is a complete count data item, refer to table B and select the estimated relative standard error of the estimate from the row whose value is equal to or just less than the estimated number of farms, 89. For this example, the relative standard error of the estimate comes from the row for 75 farms reporting. For sample data items, follow the same procedure using table C. In counties that had less than 100 farms in the 1982 Census of Agriculture, table C does not apply because the farms in these

counties were sampled with certainty (1 in 1), and thus, the reliability estimates for the number of farms in these counties are smaller than for counties that were sampled at lower rates (1 in 2 or 1 in 6).

**Table C. Reliability Estimates for Number of Farms in a County Reporting a Sample Item: 1987**

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25 -----	27.8
50 -----	19.5
75 -----	15.8
100 -----	13.6
150 -----	10.9
200 -----	9.3
300 -----	7.3
500 -----	5.3
750 -----	3.8
1,000 -----	2.9
1,500 -----	1.3
2,000 -----	1.1

Note: Sample items are items in sections 23 to 28 of the report form.

Table D presents the relative standard error of selected State data items for all farms and for all farms with sales of \$10,000 or more. The percent relative standard error of the estimate for complete count data measures the variation associated with the sample-based adjustment for whole farm nonresponse. The percent relative standard error of the estimate for sample items measures both the sampling error due to the nonresponse sample estimation procedure and the census sample selection and estimation procedure. The reliability of State estimates may vary substantially from State to State. Generally, State estimates for a given data item are less reliable than the corresponding U.S. estimate.

Table E presents the standard error (not relative standard error) for percent change in State totals from 1982 to 1987. The general purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1987 and the 1982 estimate for that characteristic to the 1982 estimate. This ratio is multiplied by 100 to obtain the percent change. The percent standard error of a percent change estimate, then, is the standard error of the ratio multiplied by 100.

Table F presents the relative standard error for county totals for 10 major complete count items and 7 sample items. The relative standard error of the estimate (percent) for the same item differs among counties in a State. Reasons for this are differences among counties in (1) the total number of farms, (2) the number of large farms included with certainty, (3) the size classifications of the farms sampled, (4) the amount of nonresponse, (5) the general agricultural characteristics, and (6) the specific characteristic being measured.

CENSUS NONSAMPLING ERROR

The accuracy of the census counts are affected by the joint effects of the sampling errors described in the previous section and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form and instructions, and to minimize processing errors through the use of quality control, verification, and check measures on specific operations. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. These specific nonsampling errors are further discussed in this section. Evaluation studies will be conducted to measure the extent of certain nonsampling errors such as coverage error, classification error, and item imputation.

Census Coverage

The main objective of the census of agriculture is to obtain a complete and accurate enumeration of U.S. farms with accurate data on all aspects of the agricultural operation. However, the cost and availability of resources for this enumeration place restrictions on operationally feasible data collection methodologies. The past five agriculture censuses have been conducted by mail enumeration with telephone contact for selected nonrespondents. The completeness of such an enumeration thus depends to a large extent on the coverage of farm operations by the census mail list.

Historically, the census of agriculture has included approximately 90 percent of the farms in the United States and over 96 percent of the agricultural production. Complete enumeration of agricultural operations satisfying the farm definition of \$1,000 or more in agricultural sales is complicated by fluctuations in agricultural operations qualifying for enumeration, the variety of arrangements under which farms are operated, the multiplicity of names used by an operation, the number of operations in which an operator participates, the accuracy of data reporting, etc. A new mail list is compiled for each census because no current single list of agricultural operations is comprehensive.

An evaluation of census coverage has been conducted for each census of agriculture since 1945. The evaluation provides estimates of the completeness of census farm count and major census data items. In addition, the evaluation helps to identify problems in the census enumeration and provide information that can form the basis for improvements. The results of the 1987 Coverage Evaluation program will be published in volume 2, part 2.

The evaluation of coverage conducted in 1987 was designed to measure errors in the census mail list and in farm classification. Mail list error includes a measurement of farms not on the census mail list (undercount), and a measurement of farms enumerated more than once in the

census (overcount). Classification error includes a measurement of farms classified as nonfarms in the census (undercount) and of nonfarms classified as farms in the census (overcount). Classification error arises from reporting and processing errors. Mail list undercount dominates all coverage errors. Net coverage error is defined as the difference of undercounted and overcounted farms. Measurements of these errors, as well as a description of the complete coverage program, will be available in the Coverage Evaluation report.

Mail List Coverage

A major problem with the use of a mail list for the census of agriculture enumeration is the difficulties that are encountered in compiling a complete list. The percentage of farms on the census mail list varies considerably by State. Several reasons have contributed to farm operators' names not being included on the census mail list—the operation may have been started after the mail list was developed, the operation may be so small as not to appear in agricultural related source lists used in compiling the census list, or the operation may have been falsely classified as a nonfarm prior to mailout. A large proportion of the farms not included on the mail list were small in both acres and sales of agricultural products.

The 1987 Census of Agriculture Coverage Evaluation used the area segment sample of the 1987 June Enumerative Survey (JES) of the National Agricultural Statistical Service (NASS) to estimate farms not on the census mail list. The Census Bureau contracted with the NASS to augment the JES data collection and receive survey data under the confidentiality protection afforded by Title 13, U.S. Code, from all residents of area sample segments with agricultural activity. These survey records were matched to the census mail list. Records that did not match were mailed a census of agriculture report form to estimate mail list coverage. Estimates of farms not on the census mail list used the capture-recapture dual frame estimator that will be described in the Coverage Evaluation report.

Table G provides coverage evaluation estimates of the number of farms not on the mail list and selected characteristics of those farms with their percent relative standard error. The table also provides an estimate of characteristics of farms not on the mail list as a percentage of total farms in the division. The estimate of total farms in the division is based on census farm count and the estimated number of farms not on the census mail list. This estimate of total farms in the division was not adjusted for classification and list duplication errors. Estimates of these errors will be made at the regional rather than the division level and will be available in the Coverage Evaluation report. The table provides the standard error (not relative standard error) of this percent estimate.

Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone

enumerator introduce error into the census data. Such incorrect information can lead, in some cases, to incorrect enumeration of farms. This type of reporting error is measured by the Classification Error Study discussed later in this section. To reduce all types of reporting error, questions were phrased as clearly as possible based on tests of the census report form, and detailed instructions for completing the report form were provided to each addressee. In addition, each respondent's answers were checked for completeness and consistency.

### **Item Nonresponse**

Nonresponse to particular questions on the census report that we would logically or statistically expect to be present may create a type of nonsampling error in both complete count and sample data. When information reported for another farm with similar characteristics is used to edit or impute for item nonresponse, the data may be biased because the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. Any attempt to correct the data for nonresponse may not completely reflect this difference either at the element level (individual farm operation) or on the average.

### **Processing Error**

The many steps of processing of each census report form are sources for the introduction of nonsampling error. The processing of the census report forms includes clerical screening for farm activity, computerized check-in of report forms and followup of nonrespondents, keying and transmittal of completed report forms, computerized editing of inconsistent and missing data, review and correction of individual records referred from the computer edit, review and correction of tabulated data, and electronic data processing. These operations undergo a number of quality control checks to ensure as accurate an application as possible, yet some errors are not detected and corrected.

### **Classification Error**

An evaluation study of classification errors was conducted in the 1987 Census of Agriculture as part of the census coverage evaluation program. A sample of mail list respondents was selected, and these addresses reenumerated to determine whether they were a farm or non-farm. A farm status determination was made based on the evaluation questionnaire and compared with the status based on the data reported on the census form. Differences in status were reconciled.

In past censuses, the proportion of farms undercounted due to classification errors was higher for farms with small values of sales. The classification error rate was higher for (1) livestock farms than crop farms, (2) farms with a small

number of acres than larger farms, or (3) tenant farms than full or part-owner farms. Results from the 1987 classification error study will be published in the Coverage Evaluation report.

## **EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE**

For the 1987 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. Computer edits also performed a series of complex, logical checks of consistency and completeness of item responses. They provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices. The computer records were sorted by reported State and county, where the county sequence was based on similar types of farms and agricultural practices.

Each execution of the computer edit consisted of records from only one State. For a given execution of the edit, the stored entries in the various matrices were retained in the computer only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses

of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that

the data were keyed correctly. Edit referrals were generated for about 30 percent of the reports included as farms, and they were also reviewed for keying accuracy and to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited. More extensive discussions of the edit and item imputation methodology with measures of the extent of imputation in the census estimates will be provided in a separate research report.

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Tables D through G follow.

Table D. Reliability Estimates of State Totals: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Farms.....number.....	7 669	.1	3 580	.1
Land in farms.....acres.....	36 287 794	.1	33 690 064	.1
Average size of farm.....acres.....	4 732	.3	9 411	.4
Value of land and buildings <sup>1</sup> .....\$1,000.....	10 111 212	1.7	9 124 516	1.7
Average per farm.....dollars.....	1 317 765	1.3	2 550 172	1.2
Average per acre.....dollars.....	279	2.1	270	2.0
Estimated market value of all machinery and equipment <sup>1</sup> .....\$1,000.....	425 285	1.3	369 385	1.3
Average per farm.....dollars.....	55 702	1.5	103 469	1.3
Farms by size				
1 to 9 acres.....farms.....	2 158	.7	313	1.7
.....acres.....	6 853	1.0	896	2.2
10 to 49 acres.....farms.....	1 510	1.0	464	1.5
.....acres.....	34 036	1.1	11 975	1.7
50 to 179 acres.....farms.....	1 133	1.0	592	1.2
.....acres.....	118 403	1.1	64 407	1.2
180 to 499 acres.....farms.....	910	1.0	665	.8
.....acres.....	292 285	1.0	216 960	.8
500 to 999 acres.....farms.....	678	1.1	512	.9
.....acres.....	473 635	1.1	356 619	.9
1,000 to 1,999 acres.....farms.....	436	-	342	-
.....acres.....	600 726	-	470 503	-
2,000 acres or more.....farms.....	844	.2	692	.3
.....acres.....	34 761 856	.1	32 568 704	.1
Total cropland.....farms.....	4 840	.3	2 593	.3
.....acres.....	1 453 852	.2	1 335 152	.1
Harvested cropland.....farms.....	3 646	.4	2 312	.3
.....acres.....	865 817	.1	850 578	.1
Acres harvested				
1 to 9 acres.....farms.....	1 049	1.2	179	2.0
.....acres.....	3 866	1.5	722	3.2
10 to 49 acres.....farms.....	875	1.3	452	1.5
.....acres.....	20 381	1.4	12 233	1.7
50 to 99 acres.....farms.....	330	1.9	301	1.9
.....acres.....	23 380	1.9	21 511	2.0
100 to 199 acres.....farms.....	383	1.1	376	1.1
.....acres.....	54 425	1.0	53 582	1.0
200 to 499 acres.....farms.....	564	.4	559	.4
.....acres.....	180 266	.4	179 031	.4
500 to 999 acres.....farms.....	267	-	267	-
.....acres.....	182 041	-	182 041	-
1,000 acres or more.....farms.....	178	-	178	-
.....acres.....	401 458	-	401 458	-
Cropland used only for pasture or grazing.....farms.....	1 551	.9	485	1.1
.....acres.....	139 721	1.7	69 026	1.9
Other cropland.....farms.....	1 828	.6	1 338	.5
.....acres.....	448 314	.3	415 548	.2
Irrigated land.....farms.....	4 241	.4	2 442	.3
.....acres.....	913 841	.1	884 572	.1
Acres irrigated				
1 to 9 acres.....farms.....	1 334	1.0	200	2.1
.....acres.....	5 032	1.3	830	3.0
10 to 49 acres.....farms.....	1 043	1.1	476	1.4
.....acres.....	24 038	1.2	12 727	1.6
50 to 99 acres.....farms.....	369	1.8	314	1.8
.....acres.....	25 960	1.8	22 305	1.9
100 to 199 acres.....farms.....	442	1.1	413	1.1
.....acres.....	62 041	1.0	58 237	1.0
200 to 499 acres.....farms.....	593	.5	581	.5
.....acres.....	188 919	.4	185 381	.4
500 to 999 acres.....farms.....	273	.2	272	-
.....acres.....	185 362	.1	(D)	(D)
1,000 acres or more.....farms.....	187	-	186	-
.....acres.....	422 489	-	(D)	(D)
Market value of agricultural products sold.....\$1,000.....	1 628 544	(Z)	1 618 201	(Z)
Average per farm.....dollars.....	212 354	.3	452 011	.2
Value of sales				
Less than \$2,500.....farms.....	2 494	.6	-	-
.....\$1,000.....	2 014	1.1	-	-
\$2,500 to \$4,999.....farms.....	820	1.4	-	-
.....\$1,000.....	2 902	1.5	-	-
\$5,000 to \$9,999.....farms.....	775	1.4	-	-
.....\$1,000.....	5 427	1.4	-	-
\$10,000 to \$24,999.....farms.....	757	1.0	757	1.0
.....\$1,000.....	12 020	1.1	12 020	1.1
\$25,000 to \$49,999.....farms.....	583	1.2	583	1.2
.....\$1,000.....	20 801	1.2	20 801	1.2
\$50,000 to \$99,999.....farms.....	533	1.2	533	1.2
.....\$1,000.....	37 946	1.3	37 946	1.3
\$100,000 or more.....farms.....	1 707	(Z)	1 707	(Z)
.....\$1,000.....	1 547 434	(Z)	1 547 434	(Z)
Sales by commodity or commodity group				
Crops, including nursery and greenhouse crops.....farms.....	2 939	.5	2 124	.3
.....\$1,000.....	896 681	(Z)	894 294	(Z)
Grains.....\$1,000.....	35 282	.3	35 185	.3
Corn for grain.....\$1,000.....	3 412	1.3	3 383	1.4
Wheat.....\$1,000.....	27 541	.1	27 503	.1
Soybeans.....\$1,000.....	-	-	-	-
Sorghum for grain.....\$1,000.....	516	1.1	(D)	(D)
Barley.....\$1,000.....	3 243	.5	3 221	.5
Oats.....\$1,000.....	224	.9	(D)	(D)
Other grains.....\$1,000.....	347	18.4	347	18.4

See footnotes at end of table

**Table D. Reliability Estimates of State Totals: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Sales by commodity or commodity group—Con				
Crops, including nursery and greenhouse crops—Con				
Cotton and cottonseed .....	\$1,000 .. 361 558	1	361 476	1
Tobacco .....	\$1,000 .. -	-	-	-
Hay, silage, and field seeds .....	\$1,000 .. 74 244	2	73 370	2
Vegetables, sweet corn, and melons .....	\$1,000 .. 240 925	(Z)	240 846	(Z)
Fruits, nuts, and berries .....	\$1,000 .. 111 422	3	110 447	2
Nursery and greenhouse crops .....	\$1,000 .. 61 053	-	60 853	-
Other crops .....	\$1,000 .. 12 197	(Z)	12 117	(Z)
Livestock, poultry, and their products .....	farms .. 4 494	4	1 821	4
	\$1,000 .. 731 863	(Z)	723 907	(Z)
Poultry and poultry products .....	\$1,000 .. 4 553	2	4 454	1
Dairy products .....	\$1,000 .. 168 400	(Z)	168 385	(Z)
Cattle and calves .....	\$1,000 .. 506 565	1	501 379	1
Hogs and pigs .....	\$1,000 .. 26 953	2	26 781	2
Sheep, lambs, and wool .....	\$1,000 .. 9 245	2	8 962	1
Other livestock and livestock products (see text) .....	\$1,000 .. 16 148	8	13 946	8
Farms by standard industrial classification				
Cash grains (011) .....	farms .. 71	41	44	43
	acres .. 31 518	25	21 126	39
Field crops, except cash grains (013) .....	farms .. 1 540	6	1 267	5
	acres .. 1 894 876	1	1 871 237	1
Vegetables and melons (016) .....	farms .. 175	16	155	14
	acres .. (D)	(D)	186 589	2
Fruits and tree nuts (017) .....	farms .. 780	13	334	17
	acres .. 201 582	5	105 730	7
Horticultural specialties (018) .....	farms .. 182	-	132	-
	acres .. (D)	(D)	39 329	-
General farms, primarily crop (019) .....	farms .. 98	31	48	24
	acres .. 85 313	5	81 562	5
Livestock, except dairy, poultry, and animal specialties (021) .....	farms .. 3 190	5	1 290	5
	acres .. 32 576 424	1	31 319 864	1
Dairy farms (024) .....	farms .. 142	11	139	10
	acres .. 29 742	13	29 511	13
Poultry and eggs (025) .....	farms .. 67	49	9	35
	acres .. 2 420	60	1 247	3
Animal specialties (027) .....	farms .. 1 351	10	159	29
	acres .. 155 987	9	27 439	16
General farms, primarily livestock and animal specialties (029) .....	farms .. 73	39	3	-
	acres .. 1 080 778	(Z)	6 430	11
Farms by type of organization				
Individual or family (sole proprietorship) .....	farms .. 5 356	3	1 936	4
	acres .. 6 170 484	3	5 017 187	3
Partnership .....	farms .. 1 369	8	963	7
	acres .. 4 574 856	5	4 417 953	5
Corporation .....	farms .. 724	9	556	7
	acres .. 3 954 445	(Z)	3 859 349	(Z)
Other—cooperative, estate or trust, institutional, etc. ....	farms .. 220	20	125	17
	acres .. 21 588 009	(Z)	20 395 575	(Z)
Tenure of operator				
Full owners .....	farms .. 5 044	3	1 765	4
	acres .. 23 429 445	(Z)	21 824 297	(Z)
Part owners .....	farms .. 1 530	7	1 010	6
	acres .. 10 659 290	2	9 991 535	2
Tenants .....	farms .. 1 095	8	805	6
	acres .. 2 199 059	6	1 874 232	7
Operators by principal occupation				
Farming .....	farms .. 3 782	4	2 588	3
	acres .. 19 503 598	1	18 450 904	1
Other .....	farms .. 3 887	4	992	8
	acres .. 16 784 196	1	15 239 160	1
Operators by sex				
Male .....	farms .. 6 806	2	3 344	2
	acres .. 35 235 323	1	32 730 009	1
Female .....	farms .. 863	13	236	18
	acres .. 1 052 471	2	960 055	1
Average age of operator .....	years .. 51 5	3	52 0	4
Cropland under federal acreage reduction programs				
Annual commodity acreage adjustment programs .....	farms .. 1 045	5	1 033	4
	acres .. 119 003	2	118 713	2
Conservation reserve program .....	farms .. 73	23	66	17
	acres .. 13 988	15	13 317	6
Government payments				
Amount received in cash .....	\$1,000 .. 35 021	.3	34 898	3
Value of certificates received .....	\$1,000 .. 23 013	.2	22 943	2
Net cash return from agricultural sales <sup>1</sup>				
Net cash return from agricultural sales for the farm unit (see text) .....	farms .. 7 673	3	3 578	4
	\$1,000 .. 306 975	16	322 030	15
Average per farm .....	dollars .. 40 007	2.9	90 003	2.0
Farms with net gains <sup>2</sup> .....	number .. 3 558	4	2 599	4
	\$1,000 .. 345 281	11	343 666	11
Farms with net losses .....	number .. 4 115	4	979	.9
	\$1,000 .. 38 306	34	21 636	46
Total farm production expenses <sup>1</sup>				
	farms .. 7 673	.3	3 578	4
	\$1,000 .. 1 301 666	.3	1 276 025	3
Livestock and poultry purchased .....	farms .. 2 343	36	1 078	42
	\$1,000 .. 244 484	6	242 128	.5
Feed for livestock and poultry .....	farms .. 4 084	2.2	1 683	26
	\$1,000 .. 208 527	.3	204 074	3
Seeds, bulbs, plants, and trees .....	farms .. 2 374	30	1 801	26
	\$1,000 .. 17 741	12	17 584	12
Commercial fertilizer .....	farms .. 3 075	25	2 101	21
	\$1,000 .. 51 672	9	51 188	8

See footnotes at end of table

**Table D. Reliability Estimates of State Totals: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Total farm production expenses—Con				
Agricultural chemicals..... farms.....	3 253	2.5	2 132	2.1
..... \$1,000.....	60 366	1.4	59 784	1.4
Petroleum products..... farms.....	6 896	.9	3 479	.7
..... \$1,000.....	44 554	1.2	42 161	1.2
Electricity..... farms.....	4 870	1.9	2 567	2.1
..... \$1,000.....	38 289	1.0	37 102	1.0
Hired farm labor..... farms.....	3 582	2.3	2 683	1.8
..... \$1,000.....	207 689	.7	206 676	.7
Contract labor..... farms.....	1 728	4.1	1 269	4.1
..... \$1,000.....	40 353	1.7	39 824	1.7
Repair and maintenance..... farms.....	6 001	1.4	3 172	1.3
..... \$1,000.....	53 723	1.5	50 792	1.5
Customwork, machine hire, and rental of machinery and equipment..... farms.....	2 488	3.3	1 662	3.3
..... \$1,000.....	35 038	2.6	34 545	2.6
Interest..... farms.....	3 465	2.6	2 274	2.4
..... \$1,000.....	74 553	1.1	71 476	1.1
Cash rent..... farms.....	1 780	3.7	1 403	3.4
..... \$1,000.....	46 666	1.9	46 169	1.9
Property taxes..... farms.....	6 788	.9	2 905	1.5
..... \$1,000.....	21 154	2.6	18 340	2.9
All other farm production expenses..... farms.....	7 078	.9	3 577	.4
..... \$1,000.....	156 858	.8	154 181	.8
Livestock and poultry				
Cattle and calves inventory..... farms.....	3 521	.4	1 558	.4
..... number.....	1 110 912	.1	1 071 992	.1
Beef cows..... farms.....	2 497	.6	1 201	.5
..... number.....	334 851	.3	314 998	.3
Milk cows..... farms.....	476	1.5	262	1.4
..... number.....	86 280	(Z)	85 927	(Z)
Cattle and calves sold..... farms.....	3 302	.5	1 589	.4
..... number.....	1 009 492	.1	991 912	.1
Hogs and pigs inventory..... farms.....	331	2.2	100	2.8
..... number.....	135 414	.2	133 960	.1
Hogs and pigs sold..... farms.....	242	2.5	89	3.0
..... number.....	237 623	.2	235 677	.2
Sheep and lambs inventory..... farms.....	456	1.9	109	2.6
..... number.....	301 279	.2	291 583	.2
Sheep and lambs sold..... farms.....	395	2.0	93	2.8
..... number.....	116 165	.3	111 006	.2
Hens and pullets of laying age inventory..... farms.....	734	1.5	144	2.9
..... number.....	329 318	.2	(D)	(D)
Broilers and other meat-type chickens sold..... farms.....	23	8.6	3	—
..... number.....	(D)	(D)	(D)	(D)
Horses and ponies inventory..... farms.....	3 566	.5	1 185	.6
..... number.....	70 550	.4	53 722	.2
Selected crops harvested				
Corn for grain or seed..... farms.....	166	2.7	105	2.3
..... acres.....	12 794	1.6	12 406	1.7
..... bushels.....	1 530 568	1.5	1 506 470	1.6
Wheat for grain..... farms.....	443	.8	419	.6
..... acres.....	97 407	.2	97 092	.1
..... bushels.....	7 991 708	.1	7 977 629	.1
Barley for grain..... farms.....	168	1.3	159	1.2
..... acres.....	14 654	.4	14 505	.4
..... bushels.....	1 365 067	.5	1 354 329	.5
Cotton..... farms.....	1 199	.5	1 179	.4
..... acres.....	381 733	.1	381 482	.1
..... bales.....	1 005 493	.1	1 005 245	.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)..... farms.....	1 402	.8	835	.7
..... acres.....	181 319	.3	174 067	.2
..... tons, dry.....	1 040 321	.2	1 020 095	.2
Vegetables harvested for sale (see text)..... farms.....	328	1.2	283	1.0
..... acres.....	98 138	.1	98 065	.1
Land in orchards..... farms.....	1 141	1.0	506	1.2
..... acres.....	74 921	.6	69 488	.6

<sup>1</sup>Data are based on a sample of farms

<sup>2</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains



**Table E. Reliability Estimates of Percent Change in State Totals: 1982 to 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Percent change	Standard error of estimate (percent)	Percent change	Standard error of estimate (percent)
Farms.....number.....	4.6	5	14.1	4
Land in farms.....acres.....	-3.9	.2	121.3	5
Value of land and buildings <sup>1</sup> .....dollars.....	-11.9	1.7	30.9	3.3
Average per farm.....				
Total cropland.....farms.....	-2.2	5	10.9	4
Harvested cropland.....acres.....	-1.8	.3	3.1	2
.....farms.....	-5.0	5	10.2	5
.....acres.....	-17.3	1	-13.8	.1
Irrigated land.....farms.....	-4.4	5	10.0	.5
.....acres.....	-16.6	.1	-12.9	.1
Market value of agricultural products sold.....farms.....	4.6	4	14.1	4
.....\$1,000.....	6.7	.1	9.6	(Z)
Crops, including nursery and greenhouse crops.....farms.....	1.4	6	12.1	6
.....\$1,000.....	11.1	.1	13.7	1
Livestock, poultry, and their products.....farms.....	.1	5	5.6	5
.....\$1,000.....	1.6	1	4.8	(Z)
Poultry and poultry products.....farms.....	-40.2	1.6	-7.0	4.9
.....\$1,000.....	-13.0	2	-12.7	.1
Selected farm production expenses <sup>1</sup> :				
Livestock and poultry purchased.....farms.....	-15.8	4.1	6.3	6.6
.....\$1,000.....	-2.2	.7	-1.8	.7
Feed for livestock and poultry.....farms.....	-8.5	2.6	9.4	4.2
.....\$1,000.....	-12.3	.4	-11.5	.4
Seeds, bulbs, plants, and trees.....farms.....	-3.5	4.2	14.5	4.5
.....\$1,000.....	29.3	2.4	36.7	2.5
Commercial fertilizer <sup>2</sup> .....farms.....	2.5	3.7	13.5	3.6
.....\$1,000.....	-14.3	1.0	-11.9	1.1
Agricultural chemicals <sup>2</sup> .....farms.....	38.7	5.4	29.1	4.3
.....\$1,000.....	6	1.6	2.8	1.7
Hired farm labor.....farms.....	2.4	3.5	19.5	3.4
.....\$1,000.....	32.8	1.1	38.3	1.2
Interest <sup>3</sup> .....farms.....	11.1	4.1	12.7	3.8
.....\$1,000.....	-25.6	1.1	-24.5	1.0
Livestock and poultry inventory				
Cattle and calves.....farms.....	-7.1	6	6.1	6
.....number.....	-2.5	.2	10.7	.2
Hogs and pigs.....farms.....	-39.0	1.4	-17.4	2.4
.....number.....	-15.8	.2	-14.1	.2
Hens and pullets of laying age.....farms.....	-34.6	1.0	-26.5	2.1
.....number.....	-34.2	1	(D)	(D)
Selected crops harvested				
Corn for grain or seed.....farms.....	11.4	3.1	81.0	4.3
.....acres.....	-4.6	1.5	13.1	2.0
Sorghum for grain or seed.....farms.....	-68.8	6	-67.3	.5
.....acres.....	-72.0	2	(D)	(D)
Wheat for grain.....farms.....	-17.8	6	-14.0	6
.....acres.....	-27.1	1	-24.1	1
Soybeans for beans.....farms.....	-	-	-	-
.....acres.....	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc (see text).....farms.....	-14.6	8	-8.8	7
.....acres.....	12.2	.4	22.9	.4
Vegetables harvested for sale (see text).....farms.....	-3.2	1.2	36.7	1.4
.....acres.....	40.5	1	48.3	1
Land in orchards.....farms.....	-4.8	1.1	25.9	1.7
.....acres.....	5	.7	6.6	.7

<sup>1</sup>Data are based on a sample of farms

<sup>2</sup>Data for 1987 include cost of custom applications

<sup>3</sup>Data for 1982 do not include imputation for item nonresponse

**Table F. Reliability Estimates of County Totals: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Land in farms		Average value of land and buildings per farm <sup>1</sup>		Estimated market value of all machinery and equipment <sup>1</sup>		Harvested cropland		Irrigated land	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)
Apache .....	380	8	5 779 528	(Z)	1 868 852	9	8 243	11 2	(D)	(D)	13 576	1.4
Cochise .....	836	3	2 077 793	1	795 292	12 7	22 961	4 0	42 776	6	49 012	7
Coconino .....	294	9	5 905 699	4	3 049 187	1 5	8 124	12 4	(D)	(D)	2 740	5.9
Gila .....	157	9	1 189 175	(Z)	1 801 732	1 2	3 522	3 8	(D)	(D)	1 465	4.7
Graham .....	323	7	1 852 684	1	1 548 087	4 4	16 447	6 7	35 937	1 1	37 835	1.1
Greenlee .....	102	1 1	139 840	.4	451 078	8 2	3 156	8 7	3 507	7 4	4 377	6 0
La Paz .....	109	1 3	226 954	.2	3 216 670	1 0	26 699	2 4	81 242	2	82 345	.3
Maricopa .....	2 334	3	1 391 456	1	838 914	18 6	132 039	3 1	269 748	2	275 592	2
Mohave .....	236	7	1 906 756	(Z)	953 182	5 1	7 464	5 4	10 130	1 1	12 479	1.2
Navajo .....	376	8	7 687 460	(Z)	3 091 955	1 9	12 300	4 7	4 878	1 8	8 869	3 2
Pima .....	520	5	3 194 736	(Z)	913 992	3 5	15 526	5 7	25 125	2	27 376	2
Pinal .....	730	4	1 958 489	4	1 837 844	2 9	85 513	2 7	186 567	3	189 691	2
Santa Cruz .....	179	1 0	346 266	.4	1 276 697	9 7	3 330	7 5	(D)	(D)	6 828	1 8
Yavapai .....	484	4	2 358 559	.1	783 282	7 2	11 671	7 7	3 720	2 0	7 204	1 8
Yuma .....	609	5	272 399	2	1 452 113	3 5	68 293	2 9	186 954	1	194 452	1
Geographic area	Cattle and calves inventory		Hogs and pigs inventory		Corn for grain or seed		Wheat for grain		Soybeans for beans		Market value of agricultural products sold	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Apache .....	57 691	5	35	19 0	2 114	9	(D)	(D)	-	-	17 594	.3
Cochise .....	77 788	4	10 571	1 7	6 330	7	1 122	3 5	-	-	53 920	2
Coconino .....	61 494	8	20	22 4	272	23 8	(D)	(D)	-	-	15 402	6
Gila .....	31 613	1 4	(D)	(D)	(D)	(D)	(D)	(D)	-	-	5 290	1 1
Graham .....	35 648	1 2	16 170	2	1 809	2 7	1 544	4	-	-	30 462	4
Greenlee .....	12 262	2 3	55	3 1	757	15 8	561	15 6	-	-	4 960	1 7
La Paz .....	(D)	(D)	53	30 9	345	-	14 199	-	-	-	67 963	1
Maricopa .....	210 759	3	15 470	6	413	2 6	29 163	3	-	-	548 789	1
Mohave .....	34 773	1 1	200	19 9	-	-	373	-	-	-	13 504	6
Navajo .....	57 684	5	80 506	(Z)	127	8 9	124	14 5	-	-	29 060	.3
Pima .....	47 133	5	276	11 6	(D)	(D)	2 034	5	-	-	56 669	1
Pinal .....	268 994	2	8 493	2	406	30 7	19 332	2	-	-	402 557	1
Santa Cruz .....	24 895	2 3	60	24 7	-	-	(D)	(D)	-	-	6 741	1 5
Yavapai .....	72 881	5	222	7 1	91	25 6	(D)	(D)	-	-	19 482	.6
Yuma .....	(D)	(D)	(D)	(D)	-	-	28 024	2	-	-	356 150	.1
Geographic area	Selected farm production expenses <sup>1</sup>											
	Livestock and poultry purchased		Commercial fertilizer		Hired farm labor		Petroleum products		Electricity for the farm business			
	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Relative standard error of estimate (percent)	
Apache .....	4 480	2 4	353	5 6	2 458	10 6	733	9 2	350		4 5	
Cochise .....	6 442	8 8	1 830	6 8	5 581	7 4	3 402	6 3	2 029		5 0	
Coconino .....	2 544	2 5	80	11 0	1 657	1 8	805	7 3	72		12 7	
Gila .....	987	8 2	34	17 4	640	4 7	428	5 2	89		5 7	
Graham .....	1 537	7 8	1 098	9 5	4 670	9 2	2 053	9 7	742		10 0	
Greenlee .....	184	21 9	116	16 9	444	9 8	264	7 9	105		7 9	
La Paz .....	17	37 1	4 199	3 5	14 108	2 0	2 609	3 2	1 408		.4	
Maricopa .....	44 654	2 1	15 250	2 0	77 735	8	12 815	1 8	15 403		1 1	
Mohave .....	725	18 2	290	11 3	2 052	3 8	673	4 9	389		3 8	
Navajo .....	1 998	7 1	196	8 8	4 040	8	1 769	3 3	515		4 9	
Pima .....	1 816	21 5	1 442	4 5	8 961	1 8	1 354	5 8	1 698		3 5	
Pinal .....	122 977	2	10 566	1 7	34 584	2 0	8 213	3 7	10 518		2 9	
Santa Cruz .....	1 029	10 6	30	4 5	1 131	7 3	325	5 0	173		7 1	
Yavapai .....	3 467	14 7	123	15 4	2 588	13 0	1 183	8 6	350		7 3	
Yuma .....	51 626	1	16 065	8	47 040	1 4	7 929	9	4 449		.7	

<sup>1</sup>Data are based on a sample of farms

**Table G. Division Coverage Evaluation Estimates of Farms Not on the Mail List: 1987**

[Data are based on a sample of farms; see text For meaning of abbreviations and symbols, see introductory text]

Item	Not on mail list		Percent not on mail list	
	Total number	Relative standard error of estimate (percent)	Total percent	Standard error of percent
Farms ..... number..	17 142	8 0	12 1	1 0
Land in farms ..... acres..	682 441	32 7	3	1
Farms by size				
Less than 50 acres ..... farms..	13 433	8 5	26 1	2 2
50 acres or more ..... farms..	3 708	17 1	4 1	7
Harvested cropland ..... farms..	7 984	11 3	8 4	1 0
..... acres..	157 427	22 4	6	1
Farms by value of sales				
Less than \$2,500 ..... farms..	12 926	8 5	29 4	2 5
\$2,500 or more ..... farms..	4 215	16 6	4 3	7
\$2,500 to \$9,999 ..... farms..	2 869	17 3	9 8	1 7
\$10,000 or more ..... farms..	1 347	37 2	2 0	7
Market value of agricultural products sold ..... \$1,000..	45 847	39 2	4	2
Farms by standard industrial classification				
Crops (01) ..... farms..	4 948	10 5	9 5	1 0
Livestock (02) ..... farms..	12 193	9 7	13 7	1 3
Farms by tenure of operator				
Full owners ..... farms..	14 896	8 6	17 4	1 5
Part owners and tenants ..... farms..	2 246	14 8	4 0	6
Operators by principal occupation				
Farming ..... farms..	5 329	15 6	6 8	1 1
Other ..... farms..	11 812	8 2	18 9	1 5
Average age of operator ..... years..	47 9	(Z)	(X)	(X)

Note 1. Farms classified as nonfarms, nonfarms classified as farms, and farms appearing more than once in the census are not accounted for in these estimates, but will be provided in the 1987 Coverage Evaluation publication. See appendix C for further explanation.

Note 2. Detail may not add to total due to rounding.

Note 3. Division includes Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.



# APPENDIX D. Report Form and Information Sheet

DUPLICATE BY FEBRUARY 1, 1988

FORM 87-A0211  
(9-24-86)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

OMB No. 0607-0534 Approval Expires September 30, 1989



## UNITED STATES CENSUS OF AGRICULTURE

Please complete this  
form and RETURN TO

BUREAU OF THE CENSUS  
1201 East Tenth Street  
Jeffersonville, IN 47133

**NOTICE** — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0211

**Note** — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report

A											
A											

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown

**SECTION 1** **ACREAGE IN 1987** Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

If the acres you operated in 1987 changed during the year, refer to the INFORMATION SHEET, section 1.

None Number of acres

1. All land owned ..... ☐ None 043
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per head basis under a grazing permit.) Also complete item 5 below. .... ☐ 044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below. .... ☐ 045
4. Acres in "THIS PLACE" — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. .... ☐ 046

For this census report these are the acres in "THIS PLACE." If the entry is zero please refer to the INFORMATION SHEET, section 1.

6. If you rented land FROM OTHERS (item 2), enter the following information for each landlord.

Name of landlord	Mailing address (Include ZIP Code)	Number of acres

List additional landlords on a separate sheet of paper.

6. If you rented land TO OTHERS (item 3), enter the following information for each renter.

Name of renter	Mailing address (Include ZIP Code)	Number of acres

List additional renters on a separate sheet of paper.

- a. Of the land you rented or leased to others, how many acres did you own? ..... ☐ None 053 ..... Acres
7. Did you have any grazing permits on a per head basis? 054
- 1 ☐ Yes — Mark (X) all boxes which apply ...
- 2 ☐ No — Go to item 8
- 3 ☐ Forest Service
- 4 ☐ Taylor Grazing Sec. 3 (BLM)
- 5 ☐ Indian Land
- 6 ☐ Other — Specify

### B. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

a. In what county was the largest value of your agricultural products raised or produced? ....

Principal county	County name	State	Number of acres
			056
			057
			058
			059

b. If you also had agricultural operations in any other county(ies), enter the county name(s), etc. ....

Other counties

**INSTRUCTIONS** — Please report your crops in the appropriate section. Use section 7 to report ONLY those CROPS NOT listed in sections 2 through 6 and section 8. DO NOT INCLUDE crops grown on land rented to others.

### SECTION 2 Were any of the following CROPS harvested from "THIS PLACE" in 1987?

	Acres harvested	Quantity harvested	Acres irrigated
1. Cotton	091	092 Bales	093
2. Rice	097	098 Tons	099
3. Barley for grain	079	080 Tons	081
4. Oats for grain	078	077 Tons	076
5. Wheat for grain, including durum	073	074 Tons	075
6. Corn (field) for grain or seed (Report quantity on a dry shelled-weight basis)	067	068 Tons	069
7. Corn (field) for silage or green chop	070	071 Tons, green	072
8. Beans, dry lima	557	558 Cwt.	559
9. Beans, dry edible (Do not include limas)	554	555 Cwt.	556
10. Safflower	692	693 Tons	694
11. Sugar beets for sugar	716	720 Tons	721
12. Potatoes, Irish	097	098 Cwt.	099
	/10		/10

### SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from "THIS PLACE" in 1987? Include sorghum-sudan crosses and hay cut from pastures.

1 ☐ YES — Complete this section 2 ☐ NO — Go to section 4

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

	Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
1. DRY HAY (If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)			
a. Alfalfa and alfalfa mixtures for hay or dehydrating	103	104 Tons, dry	105
b. Small grain hay — oats, wheat, barley, rye, etc.	106	107 Tons, dry	108
c. Other tame dry hay — clover, timothy, Sudangrass, etc.	109	110 Tons, dry	111
d. Wild hay	112	113 Tons, dry	114
2. GRASS SILAGE, HAYLAGE, AND GREEN CHOP (If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings.)	115	116 Tons, green	117
3. HAY SOLD — Did you sell any hay or grass silage in 1987? (Report value of hay sold in section 9, item 3)	118	119 Yes 120 No	

PENALTY FOR FAILURE TO REPORT

**SECTION 4** Were any **VEGETABLES, SWEET CORN, MELONS, etc.**, harvested FOR SALE from "THIS PLACE" in 1987? (Do not include those grown for home use.)

- 54 1 ☐ YES — Complete this section  
2 ☐ NO — Go to section 5

1. Land from which vegetables were harvested in 1987

Acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
375	/10	376	/10

2. From the list below, enter the crop name and code for each crop harvested in 1987.

If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.

Crop name	Code	Acres harvested	Acres irrigated
Lettuce and romaine	427	/10	428 /10
Tomatoes	463	/10	464 /10
		/10	/10
		/10	/10
		/10	/10
		/10	/10

If more space is needed, use a separate sheet of paper

Crop name	Code	Crop name	Code	Crop name	Code
Artichokes (Do not include Jerusalem)	377	Collards	407	Peppers, sweet	443
Asparagus	379	Cucumbers and pickles	411	Peppers, hot	445
Beans, snap (bush and pole)	381	Eggplant	415	Pumpkins	449
Beets	383	Garlic	421	Radishes	451
Broccoli	385	Honeydew melons	423	Spinach	457
Brussels sprouts	387	Lima beans, green	429	Squash	459
Cabbage, Chinese	389	Mustard greens	431	Sweet corn	461
Cabbage, head	391	Onions, dry	433	Turnips	465
Cantaloups	395	Onions, green	435	Turnip greens	467
Carrots	397	Okra	437	Watermelons	473
Cauliflower	399	Parsley	439	Other vegetables —	
Celery	401	Peas, green	441	Specify	475

**SECTION 5** Were any **NURSERY and GREENHOUSE CROPS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE** on "THIS PLACE" in 1987?

- 55 1 ☐ YES — Complete this section  
2 ☐ NO — Go to section 6

1. Nursery and greenhouse crops irrigated in 1987

Area irrigated	
Square feet	Acres
477	478 /10

2. From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection in 1987	Acres in the open in 1987	Sales in 1987
		Whole acres	Tenths	Dollars Cents
		1	/10	\$ 00
		1	/10	\$ 00
		1	/10	\$ 00

If more space is needed, use a separate sheet of paper

Crop name	Code	Crop name	Code
Bedding plants (Include vegetable plants)	479	Potted flowering plants	710
Bulbs (Exclude bulb flowering plants)	482	Mushrooms	494
Cut flowers and cut florist greens	485	Sod harvested	497
Nursery crops — ornamentals, fruit and nut trees, and vines	488	Vegetable and flower seeds	500
Foliage plants	707	Greenhouse vegetables	503
		Other — Specify	506

**SECTION 8** Was there a combined total of 20 or more **FRUIT TREES, including GRAPEVINES, CITRUS, and NUT TREES**, on "THIS PLACE" in 1987?

- 58 1 ☐ YES — Complete this section  
2 ☐ NO — Go to section 9

1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees on this place. (Do not include abandoned acres.)

Total acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
121	/10	122	/10

2. From the list at the right, enter the name and code for the fruit trees, grapevines, and nut trees on this place in 1987. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.

Crop name	Code	NUMBER OF TREES OR VINES OF —		Acres in trees and vines of all ages		Quantity harvested	Unit of measure			
		Nonbearing age	Bearing age	Whole acres	Tenths		Lbs.	Tons	Boxes	Lbs. per box
		1	2	/10			1	2	3	5
		1	2	/10			1	2	3	5
		1	2	/10			1	2	3	5
		1	2	/10			1	2	3	5
		1	2	/10			1	2	3	5
		1	2	/10			1	2	3	5

If more space is needed, use a separate sheet of paper.

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**SECTION 6** Were any **STRAWBERRIES or OTHER BERRIES** harvested FOR SALE from "THIS PLACE" in 1987? (Do not include those grown for home use.)

- 56 1 ☐ YES — Complete this section  
2 ☐ NO — Go to section 7

From the list below, enter crop name and code. Report quantity harvested in unit specified with crop name

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
		Whole acres		Whole acres
Strawberries	536	/10	537 Lbs.	538 /10
		/10	2	/10
		/10	2	/10

If more space is needed, use a separate sheet of paper

Crop name	Code	Crop name	Code
Blackberries and dewberries (pounds)	509	Raspberries (pounds)	633
Blueberries, tame (pounds)	512	Other berries (pounds) —	
Boysenberries (pounds)	518	Specify	638
Currants (pounds)	524		

**SECTION 7** Were any **OTHER CROPS** harvested from "THIS PLACE" in 1987 — small grains, field seeds, dry peas, sunflower seed, hops, or other crops not previously reported? (Report fruit in section 8.)

- 57 1 ☐ YES — Complete this section  
2 ☐ NO — Go to section 8

For those crops not listed enter the crop name and code from the list below. Report quantity harvested in unit specified with crop name.

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
Sweetpotatoes and yams	100	/10	101 Cwt.	102 /10
Alfalfa seed	542		543 Lbs.	544
Cowpeas for dry peas	584		585 Cwt.	586
Peas, dry edible	659		660 Cwt.	661
Sunflower seed	734		735 Tons	736
Sorghum for grain or seed	082		083 Tons	084
Sorghum for silage or green chop (Do not include sorghum sudan crosses)	085		088 Tons, green	087
			1	2
			1	2
			1	2

If more space is needed, use a separate sheet of paper

Crop name	Code	Crop name	Code
Bermuda grass seed (pounds)	563	Red clover seed (pounds)	671
Guar (pounds)	617	Rye for grain (tons)	686
Herbs (pounds)	620	Sesame (pounds)	752
Hops (pounds)	623	Soybeans for beans (tons)	088
Jujube harvested (pounds)	626	Sudangrass seed (pounds)	713
Jujube not harvested (report acres only)	527	Sugar beets for seed (pounds)	718
Ladino clover seed (pounds)	632	Vetch seed (pounds)	755
Mungbeans for beans (pounds)	647	Wild rice (tons)	764
Peanuts for nuts (pounds)	656	Other crops (pounds) — Specify	752

**SECTION 9** **GROSS VALUE OF CROPS SOLD from "THIS PLACE" in 1987, BEFORE taxes and expenses** (Refer to the INFORMATION SHEET, section 9.)

Report your best estimate of the value for each of the following groups of crops sold from this place in 1987. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

	None	Dollars	Cents
1. Grains, soybeans and other beans sold in 1987		773	
a. Corn for grain		\$	00
b. Wheat		774	
c. Soybeans		775	
d. Sorghum for grain		776	
e. Barley		777	
f. Oats		778	
g. Other — rice, dry beans, dry peas, safflower, sunflower seed, rye, etc.		779	
2. Cotton and cottonseed		780	
3. Hay, silage, field seeds, and grass seeds		782	
4. Vegetables, sweet corn, and melons — (Do not include Irish potatoes and sweet potatoes, report them in item 6 below.)		783	
5. Fruits, nuts, and berries — grapes, peaches, apples, avocados, olives, citrus, almonds, strawberries, etc.		784	
6. Other crops — sugar beets, potatoes, peanuts, etc. (Do not include nursery and greenhouse crops.) —		785	
Specify		\$	00

**SECTION 10** **How were the ACRES in this place USED in 1987?**

1. Copy acres in "THIS PLACE" from section 1, item 4, page 1 \_\_\_\_\_ Acres

**NOTE:** For items 2 to 5 below, if land was used for more than one purpose in 1987 report it in the FIRST land use listed below that applies. For example, report cropland harvested and also pastured, only as "Cropland harvested."

	None	Number of acres
2. <b>CROPLAND</b>		787
a. Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.		788
b. Cropland used only for pasture or grazing — Include mtation pasture and grazing land that could have been used for crops without additional improvements.		789
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured		790
d. Cropland on which all crops failed — (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.)		791
e. Cropland in cultivated summer fallow		793
f. Cropland idle		794
3. <b>Woodland</b> — Include all woodlots and timber tracts and cutover and deforested land with young timber growth.		795
a. Woodland pastured		796
b. Woodland not pastured		797
4. <b>Other pastureland and rangeland</b> — Include any pastureland other than cropland and woodland pasture		798
5. <b>All other land</b> — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported in items 2 through 4 above.		799
6. <b>TOTAL ACRES</b> — Add the acres reported in items 2 through 5 (Should be the same as item 1 above.)		798

**SECTION 11** **Was any LAND in this place IRRIGATED at any time in 1987?**

Irrigated land is all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

S11 1 ☐ YES — Complete this section  
2 ☐ NO — Go to section 12

	None	Number of acres irrigated
1. How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 10, item 2a.		800
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?		801

**SECTION 12** **Were any ACRES in this place SET ASIDE, DIVERTED, OR IDLED under FEDERAL acreage reduction programs in 1987?**

S12 1 ☐ YES — Complete this section  
2 ☐ NO — Go to section 13

	None	Number of acres
1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?		802
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?		803

**SECTION 13** **Did you or anyone else have any CATTLE or CALVES on this place in 1987?**

S13 1 ☐ YES — Complete this section  
2 ☐ NO — Go to section 14

• **DECEMBER 31, 1987 INVENTORY**

1. **CATTLE AND CALVES of all ages** (Total of a, b, c, and d below)

a. **BEEF COWS** — Include beef heifers that had calved.

b. **MILK COWS** kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved.

c. **HEIFERS AND HEIFER CALVES** — (Do not include heifers that had calved.)

d. **STEERS, STEER CALVES, BULLS, AND BULL CALVES**

INVENTORY		Number on this place Dec. 31, 1987	
803	Total		
804	Beef cows		
805	Milk cows		
806	Heifers and heifer calves		
807	Steers and bulls of all ages		

• **CATTLE AND CALVES SOLD FROM THIS PLACE IN 1987** Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.

	None	Number sold in 1987	Gross value of sales	
			Dollars	Cents
2. Calves weighing less than 500 pounds		808	809	00
3. Cattle, including calves weighing 500 pounds or more		810	811	00
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?		812	813	00

• **DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1987**

DAIRY PRODUCTS		Gross value of sales	
4. Gross value of sales of DAIRY PRODUCTS from this place in 1987 — Include milk, cream, butter, etc.	None	Dollars	Cents
		814	00

**SECTION 14** **Did you or anyone else have any HOGS or PIGS on this place in 1987?**

S14 1 ☐ YES — Complete this section  
2 ☐ NO — Go to section 15

• **DECEMBER 31, 1987 INVENTORY**

1. **HOGS and PIGS of all ages** (Total of a and b below)

a. **HOGS and PIGS** used or to be used for BREEDING

b. **OTHER HOGS and PIGS**

• **LITTERS FARROWED**

2. **LITTERS FARROWED** on this place between —

a. December 1, 1986 and May 31, 1987

b. June 1, 1987 and November 30, 1987

INVENTORY		Number on this place Dec. 31, 1987	
815	Total		
816	Breeding		
817	Other		

• **LITTERS FARROWED**

	None	Number of litters
a. December 1, 1986 and May 31, 1987		818
b. June 1, 1987 and November 30, 1987		819

• **HOGS AND PIGS SOLD**

	None	Number sold in 1987	Gross value of sales	
			Dollars	Cents
3. HOGS and PIGS SOLD from this place in 1987		820	821	00
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?		822	823	00

**SECTION 15** **Did you or anyone else have any SHEEP or LAMBS on this place in 1987?**

S15 1 ☐ YES — Complete this section  
2 ☐ NO — Go to section 16

• **DECEMBER 31, 1987 INVENTORY**

1. **SHEEP and LAMBS of all ages**

a. **EWES** 1 year old or older

• **LITTERS FARROWED**

2. **LITTERS FARROWED** on this place between —

a. December 1, 1986 and May 31, 1987

b. June 1, 1987 and November 30, 1987

INVENTORY		Number on this place Dec. 31, 1987	
824	Total		
825	EWES 1 year old or older		
826	Other		

• **LITTERS FARROWED**

	None	Number of litters
a. December 1, 1986 and May 31, 1987		827
b. June 1, 1987 and November 30, 1987		828

• **SHEEP AND LAMBS SHORN**

	None	Number shorn in 1987	Pounds of wool shorn in 1987
2. SHEEP and LAMBS SHORN		829	830

• **SHEEP AND LAMBS SOLD**

	None	Number sold in 1987	Gross value of sales	
			Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?		831	832	00

**SECTION 16** Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES on this place in 1987?

S16 1 ☐ YES — Complete this section 2 ☐ NO — Go to section 17

None

Inventory Number on this place Dec. 31, 1987	Total quantity sold in 1987	Gross value of sales	
		Dollars	Cents
830	831	832	
	Number	\$	00
838	840	842	
	Number	\$	00
	Pounds honey	\$	00
843	844	846	
	Number	\$	00
	Gallons milk	\$	00
847	848	850	
	Number	\$	00
	Pounds mohair	\$	00
851	852	853	
	Number	\$	00
833	834	835	
	Number	\$	00
836	837	838	
	Number	\$	00
854	855	856	
	Number	\$	00
857	858	859	
	Number	\$	00

Specify \_\_\_\_\_

10. Fish and other aquaculture products (Enter name and code from list below)

Name	Code	Name	Code
Catfish	860	Other fish	Specify 866
Trout	863	Other aquaculture products	Specify 869

If more space is needed, use a separate sheet of paper.

**SECTION 17** Did you or anyone else have any POULTRY, such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1987? — Include poultry grown for others on a contract basis.

S17 1 ☐ YES — Complete this section 2 ☐ NO — Go to section 18

None

Inventory Number on this place Dec. 31, 1987	Total number sold in 1987
894	895
898	
899	899
900	901
902	903

1. HENS and PULLETS of laying age

2. PULLETS for laying flock replacement

a. PULLETS 3 months old or older not yet of laying age

b. PULLET CHICKS and PULLETS under 3 months old (Do not include commercial broilers.)

3. BROILERS, fryers, and other meat-type chickens including capons and roasters

4. TURKEYS

a. Turkeys for slaughter (Do not include breeders)

b. Turkey HENS kept for breeding

5. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below)

Name	Code	Name	Code	Name	Code
Ducks	904	Pigeons or squab	908	Quail	912
Geese	906	Pheasants	910	All other poultry — Specify	914

Poultry name \_\_\_\_\_ Code \_\_\_\_\_

Poultry name \_\_\_\_\_ Code \_\_\_\_\_

6. POULTRY HATCHED on this place in 1987 and placed or sold — chickens, turkeys, ducks, etc. —

Specify kind of poultry \_\_\_\_\_

7. Incubator egg capacity on December 31, 1987, \_\_\_\_\_

8. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1987? \_\_\_\_\_

Gross value of sales	
Dollars	Cents
918	00

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Page 4

**SECTION 18** GOVERNMENT CCC LOANS

S18

1. Amount received in 1987 from Government CCC loans for — Include regular and reserve loans, even if redeemed or forfeited.

a. Corn

b. Wheat

c. Soybeans

d. Sorghum, barley, and oats

e. Cotton

f. Rice, peanuts, rye, and honey

None

Dollars	Cents
888	00
887	00
888	00
889	00
890	00
891	00

**SECTION 19** Payments received for participation in FEDERAL FARM PROGRAMS in 1987 (DO NOT INCLUDE CCC loans.) Refer to INFORMATION SHEET, section 19.

S19

1. Amount received in cash

2. Value of certificates received — payment-in-kind (PIK) or commodity certificates

None

Dollars	Cents
884	00
885	00

**SECTION 20** TYPE OF ORGANIZATION

S20

Mark (X) the one item which best describes the type of organization for this place in 1987. Refer to the INFORMATION SHEET, section 20.

• FAMILY or INDIVIDUAL operation — (Do not include partnership and corporation.)

• PARTNERSHIP operation — Include family partnerships

• INCORPORATED UNDER STATE LAW

• OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc.

921

1 ☐ 2 ☐ 3 ☐ 4 ☐

Go to section 22

Go to section 21

Specify below then go to section 22

Specify \_\_\_\_\_

**SECTION 21** CORPORATE STRUCTURE (for incorporated operations only)

Refer to the INFORMATION SHEET, section 21.

S21

1. Is this a family-held corporation?

2. Are there more than 10 stockholders?

922

1 ☐ Yes 2 ☐ No

3 ☐ Yes 4 ☐ No

**SECTION 22** CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, section 22.

S22

1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place?

2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? — Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)

3. OFF-FARM WORK — How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1987? — Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)

4. In what YEAR did the operator (or senior partner) begin to operate any part of this place?

5. AGE of operator (senior partner or person in charge)

6. RACE of operator (senior partner or person in charge)

7. SEX of operator (senior partner or person in charge)

8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)?

923

1 ☐ Yes 2 ☐ No

928

1 ☐ Farming 2 ☐ Other or ranching

929

1 ☐ None

2 ☐ 1—49 days

3 ☐ 50—99 days

4 ☐ 100—149 days

5 ☐ 150—199 days

6 ☐ 200 days or more

060

\_\_\_\_\_ Year

925

\_\_\_\_\_ Years old

924

1 ☐ White

2 ☐ Negro or Black

3 ☐ American Indian

4 ☐ Asian or Pacific Islander

5 ☐ Other — Specify \_\_\_\_\_

926

1 ☐ Male 2 ☐ Female

927

1 ☐ Yes 2 ☐ No

Page 5



**SECTION 23** PRODUCTION EXPENSES paid by you and others for this place in 1987

523

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1987. (DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.)

None Dollars Cents

1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc. ☐ \$ 971 00

2. Feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc. ☐ \$ 972 00

a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes. ☐ \$ 973 00

(Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.)

3. Seed cost — for corn, other grains, soybeans, tobacco, cotton, etc. — include plants and trees purchased ☐ \$ 974 00

4. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum. Include cost of custom applications. ☐ \$ 976 00

5. Agricultural chemicals purchased — insecticides, herbicides, fungicides, other pesticides, etc. — include cost of custom applications. (Do not include lime.) ☐ \$ 978 00

6. Gasoline and other petroleum fuel and oil purchased for the farm business — a. Gasoline and gasohol ☐ \$ 977 00

b. Diesel fuel ☐ \$ 979 00

c. Natural gas ☐ \$ 980 00

d. LP gas, fuel oil, kerosene, motor oil, grease, etc. ☐ \$ 981 00

7. Electricity for the farm business — (Do not include household expenses) ☐ \$ 982 00

8. Hired farm and ranch labor — also include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. (See INFORMATION SHEET) ☐ \$ 983 00

9. Contract labor — include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc. ☐ \$ 984 00

10. Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment ☐ \$ 985 00

11. Customwork, machine hire and rental of machinery and equipment — include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Do not include cost of cotton ginning and application of fertilizer and chemicals.) ☐ \$ 986 00

12. Interest paid on debts — (See INFORMATION SHEET) a. Secured by real estate ☐ \$ 987 00

b. Not secured by real estate ☐ \$ 988 00

13. Cash rent paid for land and buildings in 1987 — (Do not include grazing fees.) ☐ \$ 989 00

14. Property taxes paid — include farm real estate, machinery, livestock, etc. for the farm business. (Do not include taxes paid by landlords) ☐ \$ 990 00

15. All other production expenses — include insurance, water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, household expenses, and expenses not associated with the farm business) ☐ \$ 991 00

**SECTION 24** Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1987?

524

1 ☐ YES — Complete this section 2 ☐ NO — Go to section 25

None Acres fertilized

1. Acres of cropland fertilized in 1987 — (Do not include cropland for pastures reported in section 10, item 2b) ☐ 932

2. Acres of pastureland and rangeland fertilized in 1987 reported in section 10, items 2b and 4 ☐ 933

None Tons of lime Acres limed

3. LIME — tons of lime used and acres on which applied — (Do not include land plaster or gypsum or lime for sanitation) ☐ 934 935

**SECTION 25** Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATOCIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1987?

525

1 ☐ YES — Complete this section 2 ☐ NO — Go to section 26

Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.

None Acres on which used

1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematocide) to control — ☐ 936

a. Insects on crops, including hay ☐ 937

b. Nematodes in crops ☐ 938

c. Diseases in crops and orchards (blights, smuts, rusts, etc.) ☐ 939

d. Weeds, grass, or brush in crops and pasture — include both pre-emergence and post-emergence ☐ 940

2. Chemicals for defoliation or for growth control of crops or thinning of fruit ☐ 941

**SECTION 26** MACHINERY AND EQUIPMENT on this place on December 31, 1987 — Include only equipment used for agricultural operations in 1986 or 1987.

526

• Value of ALL machinery and equipment on this place, December 31, 1987

1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? — include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc. ☐ Estimated market value Dollars Cents 943 00

• SELECTED machinery and equipment on this place, December 31, 1987. (Report only if used in 1986 or 1987.) ☐ Total number on this place on December 31, 1987 Of the total, HOW MANY were manufactured in the last 5 years (1983 - 1987)?

2. Motor trucks — include pickups ☐ 944 945

3. Wheel tractors other than garden tractors and motor tillers — ☐ 946 947

a. Less than 40 horsepower (PTO) ☐ 948 949

b. 40 horsepower (PTO) or more ☐ 950 951

4. Grain and bean combines, all types ☐ 952 953

5. Cotton pickers and strippers ☐ 954 955

6. Mower conditioners ☐ 956 957

7. Pickup balers — include rectangle and round balers ☐ 958 959

**SECTION 27** ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS

527

Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for all acres reported in section 1, items 1, 2, and 3, page 1.

Estimated market value of land and buildings

☐ None Dollars Cents

1. All land owned ☐ \$ 998 00

2. All land rented or leased FROM OTHERS ☐ \$ 997 00

3. All land rented or leased TO OTHERS ☐ \$ 998 00

**SECTION 28** INCOME FROM FARM-RELATED SOURCES IN 1987

528

Report amount received before taxes and expenses.

Farm related income

1. Customwork and other agricultural services provided for farmers and others — plowing, planting, spraying, harvesting, preparation of products for market, etc. (If customwork is a separate business, refer to INFORMATION SHEET, section 28) ☐ Dollars Cents 992 00

2. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments — include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc. ☐ \$ 993 00

3. Sales of forest products and Christmas trees — include maple products, naval stores, firewood, etc. ☐ \$ 994 00

4. Recreational services, patronage dividends of cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place — ☐ \$ 995 00

Specify ☐ \$ 996 00

**SECTION 29** PERSON COMPLETING THIS REPORT — Please print

Name 999 Date

Telephone number Area Code Number

## INFORMATION SHEET

## 1987 UNITED STATES CENSUS OF AGRICULTURE

## Special Reporting Instructions

## 1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

## 2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

## 3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

## 4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

## 5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

## 6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "(Name of partner) has completed a report for the partnership (provide name and CFN of partnership)."

## 7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

## How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

## Instructions For Specified Sections

## ► Section 1 — ACREAGE IN 1987

Your answers to this section will determine the land (**Acres in "THIS PLACE"**) referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

**IF YOU QUIT FARMING DURING 1987** — Complete the report form for the portion of the year that you did farm. Explain on the report form in the space to the left of the address label (or on another sheet of paper) when you stopped farming and include the name and address of the person now using the land.

Report all land in section 1 in whole acres.

**Item 1 — All Land Owned** — Report all land owned in 1987 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

**Item 2 — All Land Rented or Leased FROM OTHERS** — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2:

- a. Land for agricultural use that you rented from others for cash
- b. Land you worked on a share basis (crop or livestock)
- c. Land owned by someone else that you used rent-free
- d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land. If you had any of these permits, mark "yes" to item 7.

**Item 3 — All Land Rented or Leased TO OTHERS** — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

- a. Owned land rented to others for cash or a share of crops or livestock
- b. Land you rented from someone and then subleased to someone else
- c. Land worked for you by someone for a share of crops or livestock
- d. Land which you allowed others to use rent-free

**Item 4 — Acres in "THIS PLACE"** — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

- a. You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.
- b. All your land was operated by a renter or sharecropper, complete item 6 (name and address of renters), skip to and complete section 29, and explain briefly, "all land rented out," etc. Mail form in return envelope.
- c. You did not have any agricultural activity on owned or rented land in 1987, complete section 29 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

## ► Sections 2 through 8 — CROPS

Sections 2 through 8 provide space for reporting crops harvested during the 1987 crop year from the land shown in section 1, item 4 (Acres in "THIS PLACE") of your report. Please report your crops in the appropriate sections. Do NOT include any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

**Acres harvested** — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as for potatoes.

**Quantity harvested** — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and estimated quantity to be harvested.

**Acres irrigated** — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation. Leave "Acres irrigated" blank for crops that are not irrigated.

#### How to Report Crops Harvested

► **Sections 2 and 3** — Report only for the listed crops.

► **Sections 4 through 8** — To report: (1) find the crop name and the code number from the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed in sections 4 through 8, use the "Other" code in the appropriate section and specify the crop name.

**Double Cropping** — If two or more crops were harvested from the same land (double cropping) report the total acres and production of each harvested crop in the appropriate section(s) of the report form.

*Example:* In 1987 you harvested 1,230 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you harvested 1,550 bushels. You irrigated the soybeans but not the wheat.

Section 2 Were any of the following CROPS harvested from "THIS PLACE" in 1987?				
S2	None	Acres harvested	Quantity harvested	Acres irrigated
1. Cotton . . . . .	<input type="checkbox"/>	091	092 Bales	093
2. Soybeans for beans . . . . .	<input type="checkbox"/>	088 40	089 1,550 Bu.	090 40
3. Wheat for grain . . . . .	<input type="checkbox"/>	073 40	074 1,230 Bu.	075
4. Oats for grain . . . . .	<input type="checkbox"/>	076	077 Bu.	078

**Interplanted Crops** — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

*Example:* A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. No irrigation was used. Thirty acres of soybeans and 30 acres of cotton would be reported in the appropriate section(s).

**Skip Row Planting** — If a crop is planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the portion of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as "Cropland idle" in section 10, item 2f.

► **Section 4 — VEGETABLES** — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

*Example:* In 1987 you harvested 10 acres of lettuce from a field, then replanted the field in lettuce and harvested the 10 acres again. Both crops of lettuce were irrigated. Enter only 10 acres of land from which vegetables were harvested and 10 acres irrigated in item 1 of section 4, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 4.

► **Section 8 — FRUITS AND NUTS** — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production. Acres in trees or vines that have been abandoned should not be included; these acres should be included in section 10, item 2f "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in section 8 and the total acres of the interplanted crop in the appropriate section.

► **Section 9 — GROSS VALUE OF CROPS SOLD**

Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross values before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE" regardless of the year in which the crops were harvested.

Also include as sales, your estimate of the value of any crop removed from "THIS PLACE" in trade for services, such as hay cut in exchange for fence repair, clearing, or other services. If the sale price or market value is not known, give your best estimate of the crop's market value when removed from "THIS PLACE."

DO NOT INCLUDE crops or crop products purchased from others and later sold.

#### ► Section 10 — USE OF ACRES IN "THIS PLACE"

This section is used to classify the acres in "THIS PLACE" reported in section 1, item 4. (Do not include any acres you rented to others reported in section 1, item 3). The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

**Land Used for More Than One Purpose** — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, "Cropland harvested," but do NOT report as "Cropland used for cover crops, legumes, etc." (item 2c).

**Double Cropping** — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in item 2a.

**Interplanted Crops** — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in item 2a.

**Skip Row Planted Crops** — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," item 2f. The acres that represent the planted rows should be reported as "Cropland harvested," in item 2a.

#### ► Section 12 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in item 2 all acres in "THIS PLACE" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

#### ► Sections 13 through 17 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

**Animals and Poultry to Include in the Report** — Report all animals, poultry, and animal specialties on "this place" (section 1, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

**Animals and Poultry to Exclude from the Report** — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

**Animals Bought and Sold** — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

**Number Sold** — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

**Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program"** — The amount received in 1987 from the Government under the dairy termination program should be included in section 19, item 1. Dairy animals and products sold in 1987 should be reported in section 13.

**Animals Moved to Another Place** — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

**Fat Cattle Sold** — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 13, item 3a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

- a. Cattle and calves sold for further feeding
- b. Veal calves, or any calves weighing less than 500 pounds
- c. Dairy cows fed only the usual dairy ration before being sold

**Value of Sales** — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

**Contract and Custom Feeding Operations** — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

► **Section 16 — HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

**Item 2 — If you owned BEES** — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

**Items 7 and 8** — Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

**Item 9 — Other Livestock and Livestock Products** — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Please indicate units used in reporting.

**Item 10 — Fish and Other Aquaculture Products** — Report number of pounds sold and gross value of sales for each. Enter name and code from list.

► **Section 17 — POULTRY**

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owns the birds. Report as sold poultry that were taken or moved from the place in 1987.

► **Section 18 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS**

**Item 1** — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

► **Section 19 — FEDERAL PAYMENTS RECEIVED**

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-herd dairy buy-out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

► **Section 20 — TYPE OF ORGANIZATION**

Use the following definitions to determine the type of organization for your operation:

**Family or Individual Operation** — Defined as farm or business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

**Partnership Operation** — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES NOT constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

**Incorporated Under State Law** — A corporation is defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives. Information on type of corporation should be reported in section 21.

**Other** — Such as cooperatives (defined as an incorporated or unincorporated enterprise or an association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, institution run by a government or religious entity, etc.

► **Section 21 — CORPORATE STRUCTURE**

This section is to be answered by corporations only. Answer both items. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage.

► **Section 22 — CHARACTERISTICS AND OCCUPATION OF OPERATOR**

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge for the type of organization reported in section 20.

**For Family or Individual Operation** — Complete this section for the operator.

**For Partnership Operations** — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

**For Corporations and Other Operations (Cooperatives, Estates, etc.)** — Complete section 22 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

**Item 4 — Year Began Operation** — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

► **Section 23 — PRODUCTION EXPENSES paid by you and others for "this place" in 1987**

Include farm production expenses paid by you, your landlord, contractors, or anyone else for crops, livestock, or poultry produced on "this place." Include expenses incurred in 1987 even if they were not paid for in 1987. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

**Livestock and Poultry Purchased** — Report the cost of cattle, calves, hogs, pigs, sheep, lambs, horses, goats, chicks, pullets, poults, etc., including breeding stock and dairy cows. Contract growers or custom feeders who did not own or purchase the livestock or poultry themselves should estimate the value of the cattle, calves, pigs, baby chicks, pullets, etc. at the time they came onto the place.

**Feed Purchased for Livestock and Poultry** — Report the purchase cost of corn, sorghum, oats, barley, other grains, silage, hay, mixed feed, concentrates, etc., fed to livestock and poultry on "this place." Contract livestock and poultry growers should estimate the value of feed provided by the contracting company. Custom feedyards should include feed costs for all cattle fed even if the owners of the cattle were billed for the feed. Feed raised on "this place" should not be reported as purchased.

**Cost of Hired Farm and Ranch Labor** — Include gross salaries and wages, commissions, dismissal pay, vacation pay, and paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Also, include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workmen's compensation insurance, life and medical insurance, pension plans, etc.

**Contract Labor** — Includes the labor costs of workers furnished on a contract basis by a labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. Do not include costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 11.

**Repair and Maintenance Expenses for the Upkeep of Buildings, Motor Vehicles, and Farm Equipment** — Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Do not include repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. Do not include expenditures for the construction of new buildings or the cost of additions to existing buildings.

**Interest Expense Paid on Debts** — Report all interest expenses paid in 1987 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate such as for fertilizer, feed, and seed in item 12b. Include interest paid on CCC loans. Do not include interest associated with activities not related to production of crops or livestock on "this place" such as land or buildings rented to others, packing sheds, or feed mills that provide services to others. Do not include interest on owner/operator dwelling where amount is separated from interest on other land and buildings on "this place."

**Cash Rent Paid for Land and Buildings in 1987** — Report rent paid in cash during 1987 for land and buildings in "this place." Do not include rent paid for operator dwelling or other nonfarm property. Do not include the value of shares of crops or livestock paid to landlords.

**Property Taxes Paid** — Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

Do not include:

- a. Property taxes on land or buildings rented to someone else
- b. Taxes paid by landlords
- c. Property taxes paid on other property not associated with the farm business
- d. Income and excise taxes

**All Other Production Expenses** — Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. Do not include depreciation or expenditures for the purchase of land and buildings or new or used machinery.

#### ► Section 24 — COMMERCIAL FERTILIZER AND LIME

Report acres on which commercial fertilizer (items 1 and 2) or lime (item 3) was applied during 1987. If any acreage was fertilized or limed more than once, report acres ONLY ONCE in each item. Report expense for commercial fertilizer purchased, excluding lime, in section 23, item 4.

#### ► Section 26 — MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept primarily on "this place" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Specialized equipment, which is an integral part of a building, should be included as a part of the value of land and buildings.

#### ► Section 27 — ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS

The value for each of the three listed categories should be your estimate of the value of the land and buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

#### ► Section 28 — INCOME FROM FARM-RELATED SOURCES IN 1987

Item 1 through 4 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "this place," and which you do not consider as entirely separate from your farming activities. Report gross amounts received before taxes and expenses.

**Item 1 — Customwork** — Do not report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operations.

**Item 2 — Rental Income** — Do not include rental income from nonfarm property.

**Item 3 — Forest Products** — Include only those forest products or Christmas trees cut from "this place," not items cut from other nonfarm timber acreage. Do not include income from saw mill business.

**Item 4 — Other Farm-Related Income** — Include income from hunting leases, fishing fees, and other recreational services, sales of farm by-products, and other business or income closely related to the agricultural operation on "this place." Include dividends for business done with farmer-owned cooperatives. Do not enter previously reported farm sales or income from investments not associated with the farm. Do not include retirement pensions or social security benefits received.



# UNITED STATES CENSUS OF AGRICULTURE

Please complete this  
form and RETURN TO:

BUREAU OF THE CENSUS  
1201 East Tenth Street  
Jeffersonville, IN 47133

**Note** — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.

CENSUS USE ONLY	036	038	037	038
	039	040	041	042

**NOTICE** — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0400

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

**SECTION 1**

- At any time during 1987, did you plant, grow, or have any:
  - Hay or tobacco?
  - Corn, wheat, or other grains?
  - Other crops?
  - Fruit, nut, or citrus trees; grapevines?
  - Vegetables, melons, or berries?
  - Greenhouse or nursery crops?

☐ Yes ☐ No
- At any time during 1987, did you raise, sell, or keep any:
  - Cattle, hogs, sheep, or goats?
  - Chickens or other poultry?
  - Bees?
  - Horses or ponies?
  - Fish in captivity?
  - Other animal specialties?

☐ Yes ☐ No

If you answered YES to EITHER of these questions, go to SECTION 2.  
If you answered NO to BOTH of these questions, go to SECTION 10.

**SECTION 2**

**ACREAGE IN 1987** Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

- All land owned ☐ None Number of acres 043
  - All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) ☐ 044
  - All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 5 below. ☐ 045
  - Acres in "THIS PLACE" — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. ☐ 046
- If the entry is zero please refer to the Information Sheet, section 2.
- Of the land you rented or leased to others, how many acres did you own? ☐ None 043 Acres
  - In what county was the largest value of your agricultural products raised or produced? ☐ County name State

**SECTION 3****LAND USE and IRRIGATION****PART A — How were the ACRES in this place used in 1987?**

- Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops. ☐ None Number of acres 787
- Cropland on which all crops failed — (Exception: Do not report here land in orchards and vineyards on which the crop failed.) ☐ 780
- Cropland idle, cropland used for cover crops, or cropland in cultivated summer fallow ☐ 793
- Cropland used only for pasture, woodland pastured, and other pastureland and rangeland ☐ 798
- All other woodland, wasteland, house lots, etc. not reported in items 1 through 4 above ☐ 797

**PART B — IRRIGATION**

- How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops. ☐ None Number of acres irrigated 880
- How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated? ☐ 881

**SECTION 4****PART A — CROPS HARVESTED from "THIS PLACE" in 1987.**  
(Do not include crops grown on land rented to others.)

1. Hay crops —	Acres harvested	Quantity harvested	Gross value of crops sold	
			Dollars	Cents
a. Alfalfa and alfalfa mixtures <input type="checkbox"/>	103	104 Tons, dry	782	00
b. Small grain hay <input type="checkbox"/>	106	107 Tons, dry	782	00
c. Wild hay <input type="checkbox"/>	112	113 Tons, dry	782	00
d. Other hay — Specify kind <input type="checkbox"/>	109	110 Tons, dry	782	00
2. Corn for grain or seed <input type="checkbox"/>	087	088 Bu.	773	00
3. Soybeans for beans <input type="checkbox"/>	086	089 Bu.	776	00
4. Wheat for grain <input type="checkbox"/>	073	074 Bu.	774	00
5. Tobacco — all types <input type="checkbox"/>	094	095 Lbs.	781	00
6. Potatoes, Irish — (Do not include those grown for home use.) <input type="checkbox"/>	087	088 Cwt.	786	00

7. All vegetables for sale (Do not include those grown for home use.) <input type="checkbox"/>	Total acres	Dollars	Cents
Specify kind(s) <input type="checkbox"/>	075	783	00
<input type="checkbox"/>	/10		
<input type="checkbox"/>	/10		
<input type="checkbox"/>	/10		

8. All fruit and nut orchards, vineyards, and berries <input type="checkbox"/>	Total acres	Quantity harvested	Dollars	Cents
Specify kind(s) <input type="checkbox"/>	121	/10	784	00
<input type="checkbox"/>	/10	Lbs.		
<input type="checkbox"/>	/10	Lbs.		

- Other crops — For additional crops, enter the crop name and code from the list below. Report quantity harvested in the unit specified with crop name.

Crop name	Code	Acres harvested	Quantity harvested	Gross value of crops sold	
				Dollars	Cents
				2	00
				2	00
				2	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Barley for grain (bushels)	079	Oats for grain (bushels)	078
Corn for silage or green chop (tons, green)	070	Sorghum for grain-milo (bushels)	082
Cotton (bales)	081	Other crops (pounds) — Specify	762

**PART B — NURSERY and GREENHOUSE CROPS GROWN FOR SALE on "THIS PLACE" in 1987**

From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection	Acres in the open in 1987	Sales in 1987	
				Whole acres	Tenths
				1	/10
				2	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Bedding plants (include vegetable plants)	478	Potted flowering plants	710
Cut flowers and cut florist greens	485	Foliage plants	707
Nursery crops — ornamentals, fruit and nut trees, and vines	488	Greenhouse vegetables	503
		Other — Specify	508

PENALTY FOR FAILURE TO REPORT

CONTINUE ON REVERSE SIDE

**SECTION 1 LIVESTOCK and POULTRY**

**PART A — CATTLE and CALVES**

INVENTORY Number on this place Dec. 31, 1987	
None	
803	Total
804	Beef cows
808	Milk cows

1. CATTLE and CALVES of all ages ☐ None
- a. BEEF COWS — Include beef heifers that had calved. ☐
- b. MILK COWS kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved. ☐

Gross value of sales	
Dollars	Cents
814	00

2. Value of DAIRY PRODUCTS sold in 1987 — Include milk, cream, butter, etc. ☐ None

**CATTLE and CALVES SOLD FROM THIS PLACE IN 1987**  
Include as sold cattle moved from this place to a feedlot for further feeding.

None	Number sold in 1987	Gross value of sales	
		Dollars	Cents
806		808	00
810		811	00
812		813	00

3. Calves less than 500 pounds ☐

4. Cattle — Include calves 500 pounds or more ☐

- a. Of ALL cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER? ☐

**PART B — HOGS and PIGS**

INVENTORY Number on this place Dec. 31, 1987	
None	
816	Total
818	Breeding

1. HOGS and PIGS of all ages ☐

- a. HOGS and PIGS used or to be used for breeding ☐

None	Number sold in 1987	Gross value of sales	
		Dollars	Cents
820		821	00
822		823	00

2. HOGS and PIGS SOLD from this place in 1987 ☐

3. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding? ☐

**PART C — SHEEP and LAMBS**

INVENTORY Number on this place Dec. 31, 1987		NUMBER SOLD in 1987	
None		824	825
826			

1. SHEEP and LAMBS of all ages ☐

- a. EWES 1 year old or older ☐

None	827	828
	Number	Pounds wool

Gross value of sales	
Dollars	Cents
828	00

2. SHEEP and LAMBS SHORN in 1987 ☐

3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987? ☐

**PART D — POULTRY**

INVENTORY Number on this place Dec. 31, 1987		Number sold in 1987	
None		882	883
884		885	
886		888	
888		889	
890		891	

1. HENS and PULLETS

- a. HENS and PULLETS of laying age ☐

- b. PULLETS 3 months old or older not yet of laying age for layer replacement ☐

- c. PULLETS under 3 months old for layer replacement ☐

2. BROILERS, fryers, other meat-type chickens ☐

3. TURKEYS for slaughter (Do not include breeders.) ☐

4. OTHER POULTRY (Enter name/code from below.) ☐

Poultry name	Code	Name/code	898	Name/code	899
Turkey hens kept for breeding	902	Geesa	908	Quail	912
Ducks	904	Pigeons or squab	909	All other poultry — Specify	914

5. Value of POULTRY and POULTRY PRODUCTS (eggs, etc.) sold from this place in 1987? ☐

Gross value of sales	
Dollars	Cents
918	00

**PART E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, and FISH**

None	INVENTORY Number on this place Dec. 31, 1987	Total quantity sold in 1987	Gross value of sales	
			Dollars	Cents
830	831	Number	832	00
838	840	Number	842	
	841	Pounds honey		00
843	844	Number	846	
	845	Gallons milk		00
847	848	Number	850	
	849	Pounds mohair		00

1. Horses and ponies of all ages ☐

2. Colonies of bees ☐

3. Milk goats ☐

4. Angora goats ☐

5. Other livestock, fish, animal products. (Enter name/code from below.)

Name	Code	Name/code	853	Name/code	854	Name/code	857
Mules, burros, donkeys	833	Rabbits and their pelts	854	Other livestock, fish, and their products	857		
Mink and their pelts	838	Other goats	861				

**SECTION 6 GOVERNMENT CCC LOANS**

Amount received in 1987 from Government CCC loans. Include regular and reserve loans, even if redeemed or forfeited.

None	Dollars	Cents
868		00

**SECTION 7 Payments received for participation in FEDERAL FARM PROGRAMS in 1987 (DO NOT INCLUDE CCC loans.)**

None	Dollars	Cents
869		00

**SECTION 8 Acres in this place SET ASIDE, DIVERTED, or IDLED under FEDERAL acreage reduction programs in 1987**

None	Number of acres
872	
873	

**SECTION 9 CHARACTERISTICS and OCCUPATION of OPERATOR (Senior partner or person in charge)**

1. RESIDENCE — Does the operator live on this place? ☐ Yes ☐ No
2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? For partnerships consider all members of the partnership together. ☐ Farming ☐ Other or ranching
3. OFF-FARM WORK — How many days did the operator work at least 4 hours per day off this place in 1987? — Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.) ☐ None ☐ 1–49 days ☐ 50–99 days ☐ 100–149 days ☐ 150–199 days ☐ 200 days or more
4. In what YEAR did the operator begin to operate any part of this place? \_\_\_\_\_ Year
5. AGE of operator \_\_\_\_\_ Years old
6. RACE of operator ☐ White ☐ Negro or Black ☐ American Indian ☐ Asian or Pacific Islander ☐ Other — Specify \_\_\_\_\_
7. SEX of operator ☐ Male ☐ Female
8. SPANISH ORIGIN — Is the operator of Spanish origin or descendant (Mexican, Puerto Rican, Cuban, or other Spanish)? ☐ Yes ☐ No

**SECTION 10 PERSON COMPLETING THIS REPORT — Please print**

Name	899	Date
Telephone number	Area code	Number



# INFORMATION SHEET

## 1987 UNITED STATES CENSUS OF AGRICULTURE

### Special Reporting Instructions

#### 1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

#### 2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

#### 3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

#### 4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

#### 5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

#### 6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "(Name of partner) has completed a report for the partnership (provide name and CFN of partnership)."

#### 7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

#### 8. How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper. All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

### Instructions For Specified Sections

#### ► Section 2 — ACREAGE IN 1987

Your answers to this section will determine the land (Acres In "THIS PLACE") referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

Report all land in section 2 in whole acres.

**Item 1 — All Land Owned** — Report all land owned in 1987 whether held under title, purchased contract or mortgage, homesteaded law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

**Item 2 — All Land Rented or Leased FROM OTHERS** — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in Item 2:

- a. Land for agricultural use that you rented from others for cash
- b. Land you worked on a share basis (crop or livestock)
- c. Land owned by someone else that you used rent-free
- d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in Item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land.

**Item 3 — All Land Rented or Leased TO OTHERS** — Include all land rented out for any purpose if it was part of the acreage reported in Items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in Item 3:

- a. Owned land rented to others for cash or a share of crops or livestock
- b. Land you rented from someone and then subleased to someone else
- c. Land worked for you by someone for a share of crops or livestock
- d. Land which you allowed others to use rent-free

**Item 4 — Acres In "THIS PLACE"** — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

- a. You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.
- b. All your land was operated by a renter or sharecropper, skip to and complete section 10, and explain briefly, "All land rented out," etc. Mail form in return envelope.
- c. You did not have any agricultural activity on owned or rented land in 1987, complete section 10 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

#### ► Section 3 — LAND USE AND IRRIGATION

This section is used to classify the acres in "THIS PLACE" reported in section 2, item 4. Do not include any acres you rented to others reported in section 2, item 3. The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

**Land Used for More Than One Purpose** — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you harvested a crop and later used the same land for pasture, report the land in part A, item 1. "Cropland harvested."

**Double Cropping** — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in part A, item 1 of this section.

**Interplanted Crops** — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in part A, item 1.

**Skip Row Planted Crops** — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," part A, item 3, the acres that represent the planted rows should be reported as "Cropland harvested," part A, item 1.

**Irrigation is defined as land watered by artificial or controlled means** — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that receive supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation.

#### ► Section 4 — CROPS

This section provides space for reporting crops harvested during the 1987 crop year from the land shown in section 2, item 4 (Acres in "THIS PLACE") of your report. A few crops are already listed on the form. For these crops, just report acres harvested, quantity harvested, and value of sales. If you produced crops not listed, write the name of the crop and code from the list provided and report the acres harvested, quantity harvested, and the value of sales.



**DO NOT INCLUDE:**

- a. Any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.
- b. Crops or crop products purchased from others and later sold.

**Acres Harvested** — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as potatoes.

**Quantity Harvested** — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and the estimated quantity to be harvested.

**Gross Value of Crops Sold** — Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross value before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE."

**Item 7 — Vegetables** — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

**Item 8 — Fruit Orchards, Citrus, Vineyards, and Nut Trees** — Report only if total of 20 or more trees and vines. Include those for home use as well as those maintained for sale of their production. Acres in trees and vines that have been abandoned should not be included; these acres should be included in section 3, part A, item 3 "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in item 8 and the total acres of the interplanted crop in the appropriate item.

**Item 9 — Other Crops** — To report: (1) find the crop name and the code number from the list under item 9; (2) enter crop name and code in the first two columns of the first available answer line under item 9; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed, use the "OTHER" code and specify the crop name. If you need additional space, use a separate sheet of paper to write the crop name(s), acres and quantity harvested, and gross value of crop(s) sold.

**Section 5 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

**Parts A, B, C, and D — LIVESTOCK AND POULTRY**

**Animals and Poultry to Include in the Report** — Report all animals, poultry, and animal specialties on "this place" (section 2, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per head or lease basis should be reported by the person who had control of the animals.

**Animals and Poultry to Exclude from the Report** — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

**Animals Bought and Sold** — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

**Number Sold** — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

**Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program"** — The amount received in 1987 from the Government under the dairy termination program should be included in section 7, item 1. Dairy cattle and calves sold should be reported in section 5, part A.

**Animals Moved to Another Place** — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

**Fat Cattle Sold** — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 5, part A, item 4a.

**DO NOT INCLUDE WITH FATTENED CATTLE SOLD:**

- a. Cattle and calves sold for further feeding
- b. Dairy cows fed only the usual dairy ration before being sold
- c. Veal calves, or any calves weighing less than 500 pounds

**Value of Sales** — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchase, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

**Contract and Custom Feeding Operations** — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owned the birds. Report as sold the number of poultry that were taken or moved from the place in 1987.

**Part E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, AND FISH**

**If you owned BEES** — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

**Other Livestock and Livestock Products** — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

**Fish and Other Aquaculture Products** — Report quantity sold and gross value of sales for each.

**Section 6 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS**

**Item 1** — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

**Section 7 — FEDERAL PAYMENTS RECEIVED**

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-Herd Dairy Buy-Out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

**Section 8 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987**

Include in item 2 all acres in "this place" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

**Section 9 — CHARACTERISTICS AND OCCUPATION OF OPERATOR**

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge.

**For Family or Individual Operation** — Complete this section for the operator.

**For Partnership Operations** — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming or ranching" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

**For Corporation and Other Operations (Cooperatives, Estates, etc.)** — Complete section 9 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

**Item 4 — Year Began Operation** — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.



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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
<b>A</b>			<b>B—Con.</b>		
Abnormal farms .....	19	-	Bluegrass seed, Kentucky.....	44	26
Acreage reduction program .....	7,10,48-53	5	Boysenberries.....	-	29
Age of operator .....	1,16,48-53	1,10,16	Breeding hogs and pigs .....	32,48-53	12,16
Agricultural products sold, market value.....	1,2,10,18,47,48-53	1,2,16	Broccoli.....	-	27
Agricultural services income .....	5,48-53	4	Broilers .....	1,20-22,48-53	1,14,16
Alfalfa hay .....	43,44,48-53	26	Bromegrass seed .....	-	26
Alfalfa seed .....	43,44	26	Brussels sprouts .....	-	27
Almonds .....	45,48-53	28	Buckwheat.....	-	24
American Indian operator .....	17	34	Bulbs.....	46	30
Angora goats.....	41	18	Bulls, bull calves, steers, and steer calves.....	20,25,48-53	11,16
Apples .....	45,48-53	28	Burros, donkeys, and mules .....	41	23
Apricots.....	42	28	<b>C</b>		
Aquacultural products ..	41	21	Cabbage.....	-	27
Artichokes .....	-	27	Cantaloups .....	44	27
Asian or Pacific Islander operator .....	17	34	Carrots.....	-	27
Asparagus .....	-	27	Cash, government farm programs payments ...	5	4
Assets, value .....	1,10-12,18, 47,48-53	1,5,8,16	Cash rent, expenses....	3,10,48-53	3,16
Austrian winter peas....	-	26	Cash rent or share payments received, farm-related income ...	5,48-53	4
Avocados.....	45	28	Catfish sales .....	-	21
<b>B</b>			Cattle and calves .....	1,10,20,25,27,47, 48-53	1,11,16
Bahia grass seed .....	-	26	Cattle and calves sales, value.....	2,20,26,31,47, 48-53	2,11,16
Balers, pickup .....	13,48-53	8	Cauliflower.....	-	27
Bananas .....	45	28	Celery.....	-	27
Barley for grain.....	1,42-44,48-53	1,15,16,24	Certificates, govern- ment farm programs payments.....	5	4
Barley for grain sales, value.....	2,48-53	2,16	Chemicals, expenses ...	1,3,10,15,47,48-53	3,16
Beans, dry edible .....	42-44,48-53	15,16,25	Chemicals used.....	15,48-53	9
Beans, dry lima .....	-	25	Cherries.....	45,48-53	28
Beans, green lima .....	-	27	Chickens 3 months old or older.....	1,20,21,23,48-53	1,14
Beans, snap (bush and pole).....	44,48-53	27	Chicory .....	-	27
Beans, soybeans.....	1,42-44,48-53	1,15,16,25	Chinese cabbage .....	-	27
Bedding plants .....	46	30	Chinese or ming peas ..	-	27
Beef cows .....	1,20,25,29,48-53	1,11,16	Christmas trees and forest products sales, farm-related income ...	5,48-53	4
Bees, colonies .....	41	20	Citrus fruit .....	45,48-53	28
Beets, sugar.....	42-44,48-53	1,15,16,25	Clover seed .....	-	26
Beets, table .....	-	27	Coffee .....	45	28
Bentgrass seed .....	-	26	Collards.....	-	27
Bermuda grass seed....	-	26	Colonies of bees.....	41	20
Berries .....	42,44,48-53	29	Combines, grain and bean, all types .....	13,48-53	16
Birdsfoot trefoil seed ...	-	26			
Blackberries .....	-	29			
Black operators and other races .....	16,17,48-53	32-34			
Blueberries .....	44	29			

# INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
<b>C—Con.</b>			<b>D</b>		
Commercially mixed formula feed purchased..	1,3,48-53	3,16	Daikon .....	-	27
Commodity Credit Corporation loans.....	6,10,48-53	4	Dairy cows (milk cows) .	1,10,20,25,30,47,48-53	1,11,16
Conservation reserve programs .....	7,10,48-53	5	Dairy products sales, value.....	2,47,48-53	2,11,16
Contract labor expenses	3,10,48-53	3,16	Dates .....	-	28
Corn, field .....	1,42-44,48-53	1,15,16,24,31	Dewberries .....	-	29
Corn for grain sales, value.....	2,48-53	2,16	Diesel fuel expenses ...	14,48-53	3
Corn, sweet .....	44,48-53	27	Dill for oil .....	-	31
Corn, sweet, for seed...	-	31	Disease control in crops and orchards....	15,48-53	9
Corporation, family held.....	16,48-53	10,16	Donkeys, burros, and mules .....	41	23
Corporation, nonfamily held .....	16,48-53	10,16	Ducks.....	-	14,22
Corporation, type of organization .....	1,16,48-53	-	Ducks, geese, and other poultry .....	21	14,22
Cotton .....	1,42,44,47,48-53	1,15,16,25	<b>E</b>		
Cotton sales, value .....	2,47,48-53	2,16	Eggplant .....	-	27
Cottonpickers and strippers .....	13,48-53	8	Electricity expenses.....	10,47,48-53	3
Cowpeas for dry peas ..	-	25	Emmer and spelt.....	-	24
Cowpeas, green.....	-	27	Endive .....	-	27
Cows and heifers that had calved .....	20,25,48-53	11,16	Equipment and machinery .....	1,10,12,18,47,48-53	1,8,16
Cranberries .....	44	29	Escarole .....	-	27
Cropland diverted, set aside .....	7,10,48-53	5	Ewes 1 year old or older .....	38	13
Cropland for cover crops, legumes, and soil-improvement grasses..	7,48-53	5	Expenses, farm production.....	1,3,10,47,48-53	1,3,16
Cropland harvested.....	1,7,8,10,16,18,42,47,48-53	1,3,5,6,10,15,16	<b>F</b>		
Cropland harvested, irrigated.....	8-10	7	Family held corporations.....	48-53	10,16
Cropland idle .....	7,48-53	5	Family or individual, type of organization ...	1,16,48-53	10,16
Cropland in cultivated summer fallow .....	7,48-53	5	Farm-related income....	5,48-53	4
Cropland on which all crops failed.....	7,48-53	5	Farms by age and principal occupation		
Cropland pastured .....	7,48-53	5	of operator .....	16,48-53	10,16
Cropland total .....	1,7,10,47,48-53	1,5,16	Farms by size of farm ..	8,47,48-53	6,16
Crops, farms reporting, acres, production .....	42	15,16	Farms by standard industrial classification	18,48-53	16
Cucumbers .....	44	27	Farms by tenure of operator .....	16,48-53	10,16
Currants .....	-	29	Farms by type of organization .....	1,16,48-53	10,16
Customwork, machine hire, and rental of machinery and equipment, expenses.....	3,10,48-53	3,16	Farms by value of agricultural products sold .....	1,2,10,18,47,48-53	1,2,16
Customwork and other agricultural services, farm-related income ...	5,48-53	16	Farms, number.....	1,7,8,10,16,18,47,48-53	1,5,10,16
			Fattened cattle sales ...	26,29,31,48-53	11,16
			Feed purchased.....	1,3,47,48-53	3,16
			Feeder pigs sales.....	20,33,35-37,48-53	12

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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
<b>F—Con.</b>			<b>G—Con.</b>		
Female operators .....	16,17,48-53	10	Grass silage, haylage, and green chop hay ...	43,44	26
Fertilizer applied .....	15,48-53	9	Grazing permits .....	-	36
Fertilizer expenses .....	3,10,15,47,48-53	3,16	Grease, LP gas, fuel oil, kerosene, motor oil, etc., expenses .....	14,48-53	3
Fescue seed .....	44	26	Greenhouse crops .....	42,46	30
Field seed crops .....	44,48-53	26	Greenhouse vegetables	46	30
Figs .....	-	28	Guar .....	-	31
Filberts .....	45	28	Guavas .....	45	28
Fish sales .....	41	21	<b>H</b>		
Flaxseed .....	42,44,48-53	24	Hatcheries .....	-	22
Florist greens and flowers, cut .....	46	30	Hay crops .....	1,42-44,48-53	1,15,16,26
Flower and vegetable seeds .....	46	30	Hay, silage, and field seeds sales, value .....	2,47,48-53	2,16
Flowering plants, potted .....	46	30	Haylage, grass silage, and green chop hay .....	43,44	26
Flowers and florist greens, cut .....	46	30	Hazelnuts .....	45	28
Foliage plants .....	46	30	Heifers and heifer calves .....	20,25,48-53	11,16
Forest products and Christmas trees sales, farm-related income ...	5,48-53	4	Hens and pullets of laying age .....	20,21,48-53	14,16
Foxtail millet seed .....	-	26	Herbs .....	-	31
Fruit crops .....	45	15,16,28	Hired farm labor expenses .....	3,10,47,48-53	3,16
Fruits, nuts, and berries sales, value .....	2,47,48-53	2,16	Hogs and pigs .....	1,10,20,32,35,47, 48-53	1,12,16
Fuel oil, kerosene, motor oil, grease, LP gas, etc., expenses .....	14,48-53	3	Hogs and pigs sales, value .....	2,20,33,36,47,48-53	2,12,16
Full owners .....	16,48-53	10,16	Hogs, litters farrowed ...	34,37,48-53	12
<b>G</b>			Honey sales .....	41	20
Garlic .....	-	27	Honey tangerines .....	-	28
Gas, natural, expenses ..	14,48-53	3	Honeydew melons .....	-	27
Gasoline and other petroleum fuel and oil expenses .....	14,48-53	3,16	Hops .....	44	31
Gasoline expenses .....	14,48-53	3	Horses and ponies .....	20,41,48-53	13
Geese .....	-	22	<b>I</b>		
Geese, ducks, and other poultry .....	41	14,22	Income from farm-related sources .....	5,48-53	4
Ginger root .....	-	31	Income, see net cash return .....	4,48-53	4
Goat milk sales .....	41	17	Individual or family, type of organization .....	1,16,48-53	10,16
Goats .....	41,48-53	23	Insects, chemical control .....	15,48-53	9
Goats, Angora .....	41	23	Interest, debt not secured by real estate .....	3,48-53	3
Goats, milk .....	41	17	Interest, debt secured by real estate .....	3,48-53	3
Goats, other .....	41	23	Interest expenses .....	1,3,10,47,48-53	3,16
Government farm programs payments ...	5,10,47,48-53	4	Irish potatoes .....	1,42-44,48-53	1,15,16,25
Grain hay .....	43,44	26			
Grain sales, value .....	2,47,48-53	2,16			
Grains .....	44,48-53	16			
Grapefruit .....	45	28			
Grapes .....	45,48-53	28			

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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
<b>I—Con.</b>			<b>M</b>		
Irrigated farms and acres .....	1,8-10	1,7	Macadamia nuts .....	45	28
<b>J</b>			Machine hire, rental of machinery and equip- ment, and customwork expenses.....	3,10,48-53	3,16
Jojoba .....	-	31	Machinery and equipment.....	1,10,12,18,47,48-53	1,8,16
<b>K</b>			Male operators .....	16,17,48-53	10
Kale .....	-	27	Mangoes.....	-	28
Kentucky bluegrass seed .....	44	26	Melons.....	-	27
Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses .....	14,48-53	3	Milk cows (dairy cows) .	1,10,20,25,30,47, 48-53	1,11,16
Kiwifruit .....	-	28	Milk goats .....	41	17
Kumquats.....	-	28	Millet, proso .....	44	24
<b>L</b>			Millet seed, foxtail.....	-	26
Labor expenses.....	1,3,10,47,48-53	3,16	Mink and their pelts.....	41	19
Land and buildings, value.....	1,10,11,47,48-53	5,16	Mint for oil.....	44	31
Land in farms .....	1,7,8,10,16,18,47, 48-53	1,5,10,16	Mohair sales.....	41	18
Land owned.....	10,48-53	-	Motor oil, grease, LP gas, fuel oil, kerosene, etc., expenses .....	14,48-53	3
Land rented from others	48-53	-	Motortrucks, including pickups .....	13,48-53	8,16
Land rented to others ..	48-53	-	Mower conditioners.....	13,48-53	8
Land set aside in federal farm programs .....	7,10,48-53	1	Mules, burros, and donkeys .....	41	23
Land use .....	7,8,10,47,48-53	5	Mungbeans for beans ..	-	31
Lemons.....	45	28	Mushrooms.....	46	30
Lentils.....	44	25	Mustard cabbage .....	-	27
Lespedeza seed .....	-	26	Mustard greens .....	-	27
Lettuce and romaine....	44	27	Mustard seed.....	-	24
Lima beans, dry.....	-	25	<b>N</b>		
Lima beans, green .....	-	27	Natural gas expenses ..	14,48-53	3
Lime applied.....	15,48-53	9	Nectarines.....	-	28
Limes .....	-	28	Nematode control in crops .....	15,48-53	9
Litters farrowed .....	34,37,48-53	12	Net cash return from agricultural sales.....	4,48-53	4
Livestock and livestock products sold .....	20	-	Nonfamily held corporations.....	16,48-53	10,16
Livestock and poultry...	20	1,16	Number of farms.....	1,7,8,10,16,18,47, 48-53	1,5,10,16
Livestock and poultry purchased.....	1,3,10,47,48-53	3,16	Nursery and greenhouse crops .....	42,46	30
Livestock, poultry, and their products sales, value.....	1,2,10,18,20,47	1,2,16	Nursery and greenhouse crops sales, value ....	2,42,46,47,48-53	2,16,30
Loans, Commodity Credit Corporation.....	6,10,48-53	4	Nursery crops-shrubs, trees, etc. ....	46	30
Loganberries .....	-	29	<b>O</b>		
Lotus root .....	-	31	Oat sales, value.....	2,48-53	2,16
LP gas, fuel oil, kerosene, motor oil, grease, etc., expenses.....	14,48-53	3	Oats for grain .....	1,42-44,48-53	1,15,16,24
			Occupation of operator.	1,16,48-53	1,10,16

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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
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Off-farm work by operator .....	1,16,48-53	1,10,16	Pineapples.....	1,42,44,48-53	1,15,16,31
Okra .....	-	27	Pistachios .....	-	28
Olives.....	-	28	Plums .....	45	28
Onions, dry and green..	44	27	Pomegranates.....	-	28
Operator characteristics— residence, age, race, occupation, off-farm work, sex, Spanish origin, years on present farm .....	16,17,48-53	10,16	Ponies and horses.....	20,41,48-53	13
Oranges .....	45	28	Popcorn.....	44	24
Orchardgrass seed .....	-	26	Potatoes, Irish.....	1,42-44,48-53	1,15,16,25
Orchards.....	1,42-44,48-53	1,15,16,28	Potatoes, sweet.....	42,44,48-53	25
Organization of farm....	1,16,48-53	10,16	Poultry and poultry products sales, value..	2,20,48-53	2,16
Other farm production expenses.....	5,48-53	3,16	Poultry hatched .....	-	22
Other field crops sales, value.....	2,48-53	2,16	Principal occupation of operator .....	1,16,48-53	1,10,16
Other grains sales, value	2,48-53	2,16	Production expenses ...	1,3,10,47,48-53	1,3,16
Other livestock and live- stock products sales, value.....	2,47,48-53	2,16	Property taxes, expenses.....	3,10,48-53	3,16
Other poultry .....	-	22	Proso millet.....	44	24
Owned land .....	10,48-53	-	Prunes .....	45	28
<b>P</b>			Pullets .....	22	14
Papayas .....	45	28	Pumpkins .....	-	27
Parsley.....	-	27	<b>Q</b>		
Part owners .....	16,48-53	10,16	Quail .....	-	22
Partnership, type of organization .....	1,16,48-53	10,16	<b>R</b>		
Passion fruit .....	-	28	Rabbits and their pelts .	41	23
Pastureland and grazing land.....	7,48-53	5	Race of operator.....	16,48-53	34
Pastureland and other land irrigated .....	9	7	Radishes .....	-	27
Payroll expenses.....	1,3,10,47,48-53	3,16	Rangeland.....	7,48-53	5
Peaches .....	45,48-53	28	Rapeseed .....	-	31
Peanuts for nuts .....	42-44,48-53	1,15,16,25	Raspberries .....	44	29
Pears .....	45	28	Redtop seed .....	-	26
Peas, Austrian winter ...	-	26	Rent paid in cash, expenses.....	3,10,48-53	3,16
Peas, Chinese or ming .	-	27	Rent received, farm- related income.....	5,48-53	4
Peas, dry edible.....	44	25	Repair and maintenance expenses.....	3,10,48-53	3,16
Peas, green .....	44,48-53	27	Residence of operator..	16,48-53	10,16
Pecans.....	45,48-53	28	Rhubarb .....	-	27
Peppers.....	-	27	Rice.....	1,42-44,48-53	1,15,16,24
Persimmons .....	-	28	Romaine and lettuce ...	44	27
Petroleum products expenses.....	3,10,14,48-53	3,16	Rye for grain .....	42,44	24
Pheasants .....	-	22	Ryegrass seed .....	44	26
Pickup balers.....	13,48-53	8	<b>S</b>		
Pigeons or squab .....	-	22	Safflower .....	-	24
Pimientos.....	-	27	Sales of agricultural products.....	1,2,10,18,47,48-53	1,2,16
			Salt hay.....	-	31


  
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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
<b>S—Con.</b>			<b>T—Con.</b>		
Seeds, bulbs, plants, and trees purchased .....	3,10,48-53	3	Tenure of operator .....	16,48-53	10,16
Set aside programs, acreage .....	7,10,48-53	5	Timothy seed .....	-	26
Sex of operator .....	16,17,48-53	10	Tobacco .....	1,42-44,48-53	1,15,16,25
Shallots .....	-	27	Tobacco sales, value ...	2,47,48-53	2,16
Sheep and lambs .....	10,20,38,39,48-53	1,13,16	Tomatoes .....	44,48-53	27
Sheep and lambs shorn	38,48-53	13	Tractors, wheel .....	13,48-53	8,16
Sheep, lambs, and wool sales, value .....	2,20,38,47,48-53	2,13,16	Triticale .....	-	24
Size of farm, average ...	1,48-53	1,16	Trout sales .....	-	21
Small grain hay .....	43,44	26	Trucks, including pickups .....	13,48-53	8,16
Snap beans, bush and pole .....	44,48-53	27	Turkeys .....	20,21,24,48-53	14
Sod .....	46	30	Turnip greens .....	-	27
Sorghum .....	1,42-44,48-53	1,15,16,24 26,31	Turnips .....	-	27
Sorghum for grain sales, value .....	2,48-53	2,16	Type of farm .....	18,48-53	16
Southern peas (cowpeas), dry .....	-	25	Type of organization ...	1,16,48-53	1,10,16
Southern peas (cowpeas), green .....	-	27	<b>V</b>		
Soybeans .....	1,42-44,48-53	1,15,16,25	Value of agricultural products sold .....	1,2,10,18,47,48-53	1,2,16
Soybeans sales, value ..	2,48-53	2,16	Value of land and buildings .....	1,10,18,48-53	5,16
Spanish origin, operators of .....	16,17,48-53	35	Value of machinery and equipment .....	1,10,12,18,47,48-53	1,8,16
Spelt and emmer .....	-	24	Vegetable and flower seeds .....	46	30
Spinach .....	-	27	Vegetables, greenhouse	46	30
Squash .....	-	27	Vegetables harvested for sale .....	1,42-44,48-53	1,15,16,27
Standard industrial classification of farms .	18,48-53	2,16	Vegetables, sweet corn, and melons sales, value	2,47,48-53	2,16
Steers, steer calves, bulls, and bull calves .....	20,25,48-53	11,16	Vetch seed .....	-	26
Strawberries .....	43,44	29	<b>W</b>		
Sudangrass seed .....	-	26	Walnuts, English .....	45,48-53	28
Sugar beets .....	42-44,48-53	1,15,16,25	Watercress .....	-	27
Sugarcane .....	1,42-44,48-53	1,15,16,25	Watermelons .....	44	27
Sunflower seed .....	1,42,44,48-53	1,15,16,24	Weeds, chemical control .....	15,48-53	9
Sweet corn .....	44,48-53	27	Wheat for grain .....	1,42-44,48-53	1,15,16,24
Sweet corn for seed ....	-	31	Wheat sales, value .....	2,48-53	2,16
Sweet potatoes .....	42,44,48-53	25	Wheatgrass seed .....	-	26
<b>T</b>			Wheel tractors .....	13,48-53	8,16
Tame dry hay .....	43,44	16,26	Wild hay .....	43,44	26
Tangelos .....	-	28	Wild rice .....	-	24
Tangerines .....	-	28	Woodland .....	1,7,48-53	5
Taro .....	-	31	Wool, pounds shorn ....	38,48-53	13
Taxes, property, expenses .....	5,48-53	3	Work off-farm by operator .....	1,16,48-53	1,10,16
Tenant operated farms .	16,48-53	10,16	<b>Y</b>		
			Years on present farm. .	47,48-53	16



# PUBLICATION PROGRAM

## 1987 CENSUS OF AGRICULTURE

Results of the 1987 Census of Agriculture are being published in a series of reports which provide data for each county (or equivalent), each State, the United States, Puerto Rico, Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands. The publications include statistics on the number of farms; land in farms; farm and operator characteristics; livestock, poultry, and their products; crop production and value; operating expenditures; irrigation; and other characteristics of farms.

Publication order forms may be obtained from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233, any U.S. Department of Commerce district office, or by calling (301) 763-1113.

## ADVANCE REPORTS (AC87-A-01-000(A) TO 56-000(A))

Advance Reports are published separately for each county (or equivalent) in the United States with 10 farms or more, for each State, and the United States. The reports contain data for all agricultural operations with \$1,000 or more in actual or potential sales of agricultural products in the census year. The Advance Reports contain final data for major data items together with comparable data from the 1982 census. Included in the reports are data on number of farms, land in farms, size of farms, land use practices, farm operator characteristics, sales expenditures, machinery and equipment, livestock, poultry, dairy products sold, and major crops harvested (which vary by State). No advance reports are available for Puerto Rico, Guam, or the U.S. Virgin Islands.

## VOLUME 1. GEOGRAPHIC AREA SERIES (AC87-A-1 TO 56)

**State and County Data** (A-1 to 50) are published showing detailed data in national and State tables for the United States, and in county and State tables separately for each State. These reports include data on number and size of farms; crop production; livestock, poultry, and their products; tenure, age, and occupation of operators; types of organization; value of products sold; and standard industrial classification of farms.

### Summary and State Data (A-51)

- Chapter 1. National level data
- Chapter 2. State level data

**Outlying Areas** (A-52 to 56) provide detailed data for the regions and municipios of Puerto Rico; the election districts of Guam; the U.S. Virgin Islands; American Samoa; and Northern Mariana Islands.

## VOLUME 2. SUBJECT SERIES (AC87-S-1 TO 6)

**Agricultural Atlas of the United States** (AC87-S-1), formerly the *Graphic Summary*, presents a profile of the Nation's agriculture in a series of dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms.

**Coverage Evaluation** (AC87-S-2) provides national and regional level estimates on the completeness of the census, in terms of both the number of farms missed and selected characteristics of those farms.

**Ranking of States and Counties** (AC87-S-3) presents the ranking of the top 20 States and the top 100 counties of importance of selected items from the 1987 census. Comparative data from the 1982 census are included in most tables. Tables also show cumulative totals for States and counties.

**History** (AC87-S-4) is a concise description of the major census operations together with facsimiles of selected data tables. It explains the history of the agriculture census, farm definition, data collection and processing, and dissemination of census data.

**Government Payments and Market Value of Agricultural Products Sold** (AC87-S-5) shows detailed data for farms cross-tabulated by combined market value of agricultural products sold and Government payments received, including detailed national data and selected data for each State.

**ZIP Code Tabulations of Selected Items From the 1987 Census of Agriculture** (AC87-S-6) provides tabulations by five-digit ZIP Code for selected items from the 1987 census. Data items include number of farms, land in farms, farms by size, market value of agricultural products sold by size of sale, livestock inventory, cropland harvested, and selected crops.

## VOLUME 3. RELATED SURVEYS (AC87-RS-1 AND 2)

**The Farm and Ranch Irrigation Survey** (AC87-RS-1) provides statistical data collected from a sample of farm operations from the 1987 Census of Agriculture. The publication offers information on acres irrigated, land use, yields of specified crops, methods of water distribution, quantity of water used by its source, and other irrigation practices.

**Agricultural Economics and Land Ownership Survey** (AC87-RS-2) provides data on indebtedness, expenditures, income and assets for both farm operators and landlords. This report also includes measures of credit used for purchases and expenditures, debt by type of lender, assets, off-farm income, and other land ownership data.

## VOLUME 4. CENSUS OF HORTICULTURAL SPECIALTIES (AC87-HOR-1)

This report includes detailed information on the horticultural establishments with production and sales of \$2,000 or more. It provides data on number of establishments, value of sales of horticultural products, type of horticultural products, and kinds of horticultural businesses, for the United States, States, and counties.

## ELECTRONIC MEDIA

**Flexible Diskette**—The Advance Reports of the 1987 Census of Agriculture are available on flexible diskettes. The files can be used with any compatible microcomputer employing the PC-DOS 2.0 or higher operating system. Diskettes can be obtained by calling (301) 763-4100.

**Computer Tapes**—Public-use computer tapes contain the same summary statistics that are found in the published reports. Two files are available for each State: data for counties and the aggregated State-level data. Order forms may be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

**Compact Disc-Read Only Memory (CD-ROM)**—Data for the conterminous United States and Puerto Rico are available on CD-ROM. The CD-ROM can be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

**Online Access**—National and State level data from the 1987 Census of Agriculture are available on CENDATA through two information vendors—CompuServe and DIALOG. In addition, the advance reports, highlights of the Subject Series, and Related Surveys reports, are available online from AGRIDATA. For information on these services call (301) 763-4100.

